FROST AND THE GROWING SEASON.[1]

By WILLIAM GARDNER REED.

(Review by C. F. Brooks.)

The appearance of a folio of colored maps marks the final outcome of an extensive investigation of the dates of killing frost in the United States initiated by Mr. O. E. Baker about six years ago. In 1913, 1914, and the first half of 1915, the Weather Bureau section centers and Central Office, and the Office of Farm Management were engaged in collecting and editing critically all the frost data available. The records for the period 1895–1914 were selected for the sake of homogeneity. In the latter half of 1915 these data from about 4,000 stations were mapped and the long records from about 600 stations were subjected to mathematical analysis. The results of this study are presented in detail by Mr. Reed in the Proceedings of the Second Pan American Scientific Congress (vol. 2, pp. 593–631, tables, 13 figs.). In this paper he describes not only the distribution of frost dates in the United States, but also presents tables of selected records and the details of the mathematical procedure used to obtain dates when the risk from spring or fall frost would be at a specified value. Several short papers, principally on the mathematics of the frost risk in farming, were published in 1916 by Mr. Reed independently, or jointly with Mr. H. R. Tolley (mathematician) and Prof. W. J. Spillman (then chief, Office of Farm Management).[2] Some of the frost maps have been published and briefly discussed in the National Weather and Crop Bulletin during the past three years.

In spite of these previous discussions, the publication under review is in no sense a repeater. The frost data of the United States are presented in detail by pleasing colored maps on a relief base; and selected records are strikingly portrayed in graphical form. The simple and well-written discussion goes into the geographical and agricultural aspects of frost and the growing season in the United States.

The study deals only with the occurrence of "killing frost" or its approximate equivalent, a temperature of 32° F. or lower. Thus we are concerned with the dates when widespread damage is done to vegetation by the cold and not with the formation of frost deposits. The last killing frost in spring limits the start of vegetation, and the first killing frost in autumn puts an end to most vegetative activity unless plants have already prepared for the winter. It is of considerable interest to the farmer to know when these critical frosts are most likely to occur, and to know just when a particular killing frost will come. From the weather map and from local signs, such forecasts are made. To illustrate killing frost weather types, 10 weather maps are reproduced. Warnings of killing frost are, however, of little use unless the farmer is prepared to meet them, either by actually protecting his endangered crops, or by having a surplus from previous successful years sufficient to cover his losses.

Latitude and altitude are of primary importance in determining the months of occurrence of killing frost. Relative altitude in rough country is for some localities more important than actual elevation above sea level. This frostiness of valley bottoms made it very difficult to draw the frost date lines in most of the highland regions of the United States.

"The most noteworthy fact regarding these critical frost dates is their extreme irregularity." Nevertheless, by arithmetical averaging it is easy to get dates before and after which crops will be subject to killing frosts in about half the years. The maps of the average dates of last killing frost in spring and first killing frost in fall show the frost lines running mostly east and west in the eastern United States, bending northward near large bodies of water and over large valleys, and southward over the highlands. In the western United States, topography is the most important control other than that exerted west of the Sierra Nevada—Cascades by the Pacific Ocean. The map of the average "growing season" has much the same characteristics. In fact, all three differ only in details.

As corner inserts of these three double-page maps are small maps showing the areas covered by each general "wave" of last killing frost in spring and first in fall. A given frost may occur over a large area on one date, and another some time later over another region not coextensive with the first. Nine such overlappings are marked on the spring map and 8 on the autumn.

Variations in the dates of spring or fall frost by 10 days or more from the average are common (i. e., over 5 times in 20), where frosts may not occur every spring or fall, as along the Gulf coast, and where the effect of topography varies with the type of weather as in the mountainous region of the West. The maps of security from killing frost show the dates on which the chance of killing frost in spring (autumn) falls (rises) to 10 per cent. These maps are practically the same as the average date maps, but the dates are 10 to 30 days later in spring and earlier in fall. "The areas in which the chance of spring [(autumn)] frost is greater than 10 per cent on June 1 [(Sept. 1)] include the region along the northern boundary of the United States, elevated areas in the Appalachian Mountains, and the greater part of the higher altitudes of the West."

The maps of the growing season are the most important from the agricultural point of view. The large double-page map of the average length of the "growing season" shows detailed lines for every 10 days in the eastern United States and for every 30 days from the Rockies westward. "Throughout most of Florida, along the coast of the Gulf of Mexico, and in favored localities in Arizona and California, the average season without killing frost is more than 260 days. Along the northern margin of the cotton belt it is about 200 days, along the northern margin of the corn belt from 140 to 150 days, in northern Maine and northern Minnesota, where hay, potatoes, oats and barley are the principal crops, it is about 100 days, and in the higher regions of the West it is less than 90 days." If a farmer were to raise crops requiring the average length of the growing season to mature he would not get a harvest in more than a third of the years.

The map showing the available growing season in four-fifths of the years shows a period 15 to 50 days shorter than the average "growing season." "In the region having 90 days or less without frost in four years out of five, general farming is limited largely to small grains, grasses, and potatoes; and, in general, the area is much the same as that in which the average period without killing frost is less than 90 days, although, of course, somewhat greater in extent. The longest growing season is found in the States bordering the Gulf of Mexico, in southern Arizona, and portions of California. The safe growing season in the eastern United States varies from about 240 days along the Gulf of Mexico to 100

[1] Atlas of American Agriculture, Advance sheets, 2, pt. II, sec. 1, issued, 1918. 48 by 34 cm. 12 pp., 12 colored maps, 10 weather maps, 10 graphs. Selected bibliography.
NOTE.—The rest of the climatic section has been ready for publication for some time and may reasonably be expected to appear in 1919.—EDITOR.
[2] Geogr. Rev., vol. 2, pp. 43–53; M. W. R. 44: 509–512, 197–200.

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days or less in Minnesota and the Dakotas, and 90 days or less in parts of the Appalachian Mountains and the higher altitudes in New York and New England. In the more elevated regions of the West the safe season is less than 90 days. This map represents, in general, the number of days expected to be available for the growth of crops in a sufficiently large proportion of the years to enable the organization of farm enterprises on that basis with a reasonable chance of success." In the selection of suitable planting dates, the chance of spring frost damage, the advantages of maturity for early markets, and the length of the growing period of the crop must all be considered. Greater risk can be taken with some crops than with others.

HOURLY DURATION OF PRECIPITATION AT PHILADELPHIA.

By GEORGE W. MINDLING.

[Dated: Weather Bureau Office, Philadelphia, Pa., Dec. 19, 1918.]

What information can we give to business men as to the amount of time likely to be lost at different times of the day at various seasons of the year on account of stormy weather? What facts of diurnal distribution of rainy weather can be brought out that may prove helpful in the preparation of either State or local forecasts? Is there a diurnal periodicity in the occurrence of rainfall such that we may depend on certain parts of the day to be more likely to give rain than others, or, more particularly, a greater duration of rainfall than others?

If the periodicity is sufficiently marked, a knowledge of its character ought to enable one to say with some assurance at what hours it will be most likely to rain, especially under conditions of somewhat unsettled weather when the prospects of precipitation are doubtful. Also such knowledge should aid in enabling one to say when a storm of moderate severity may be expected to abate.

The total duration of precipitation in Philadelphia has been found to average 928 hours per year, which is equivalent to more than five weeks of continuous precipitation. The duration of precipitation is nearly as great or greater in most of our highly developed industrial centers, especially those surrounding the Great Lakes and in the northeastern part of the country, as may reasonably be inferred from the average annual number of days with 0.01 inch or more of precipitation. Such averages for the ten years beginning with 1907 are as follows: Philadelphia, 122; Albany, 127; Boston, 114; Buffalo, 163; Chicago, 123; Cincinnati, 127; Detroit, 136; New York, 121; Pittsburgh, 149. Obviously, then, if the diurnal distribution of precipitation is not too haphazard, it must be deserving of careful study, especially in regions where some form of precipitation is occuring more than one-tenth of the time, as is true in Philadelphia.

It could not be out of place in connection with a study of this kind, to make some references to studies of the average amount and frequency of precipitation for the different hours of night and day.

1. The pronounced diurnal period in the relative amounts and frequency of rainfall in tropical countries suggested to Dr. Fassig a study of these matters in his work on "The Climate and Weather of Baltimore." (See Maryland Weather Service, Vol. II, pp. 165–170.)

In his studies of the average hourly amounts of precipitation for a ten-year period, he found the winter and spring months characterized by a rather uniform distribution of precipitation throughout night and day, while summer rains were generally light in the forenoon, increasing rapidly about the middle of the day and more slowly in the afternoon with a maximum about 5 p. m. The uniformity observed in winter and spring he attributed to the general dependence of precipitation in those seasons on the "more or less regular succession of the cyclonic disturbances of the middle latitudes whose eastward progress is but slightly, if at all, affected by the diurnal variations of temperature and pressure." The influence of thunderstorms was distinctly seen in the large average amounts of rainfall for summer afternoons.

His investigation of the hourly frequency of precipitation was based on compilations of the total number of days in each month for 10 years on which precipitation occurred in the various 24-hour periods. Thus, between 4 p. m. and 5 p. m. in the month of March precipitation occurred on 61 days during the 10 years. This was the hour of the greatest frequency. The hour of least frequency was from 4 a. m. to 5 a. m. in August, the total number of days with precipitation being only 9. For the year as a whole, the average frequency was least about 2 a. m. to 4 a. m. and greatest about 4 p. m. to 6 p. m. The July curve exhibited the strongest periodicity; that of March, the greatest uniformity.

2. Similar studies of Chicago records were made by Cox and Armington. (See Weather and Climate of Chicago, pp. 203–208.) Owing to the severity of the Chicago winter climate, which makes continual use of the tipping-bucket rain gage impossible, it was necessary to limit the study of hourly amounts of precipitation to the period of April to October, inclusive. The results showed considerably less symmetry than those obtained at Baltimore, yet there was, "in general, a relation to be seen between the times of greatest hourly rainfall and the times of occurrence of thunderstorms."

Much greater regularity was found in the mean hourly frequency of precipitation, but the rather distinct early morning minimum and afternoon maximum observed at Baltimore were hardly discernible at Chicago. In other respects there was similarity in the conditions observed at the two places.

3. Records made at a number of places in the interior of Europe show greatest frequency of precipitation in the morning hours in winter, in afternoon hours in summer. The diurnal variation in amount is discussed by Hann (Lehrbuch der Meteorologie, 3d ed., p. 343 and following) somewhat as follows:

> The diurnal variation in precipitation is a rather complicated phenomenon. In the course of the day there occur in most places two maxima and minima, frequently three. Not infrequently it is scarcely possible to recognize any sort of regular trend in the hourly averages. Studies of available records do not warrant making a concise statement of the general characteristics of diurnal variation in intensity of rainfall; one can only present some of the more distinct types. * * * In the continental type of the temperate zone, there is a principal maximum in the afternoon and a lesser maximum in the early morning hours, while the prominent minimum occurs between midnight and 4 a. m., and a secondary minimum between 8 a. m. and noon. In the oceanic type, the times of principal maxima and minima are the reverse of those in the continental type.

4. Kincer has shown that during the season of April to September, inclusive, there is a marked predominance of daytime precipitation over nighttime precipitation in the States along the Gulf of Mexico as far west as Galveston, Tex., and an equally pronounced excess of nighttime precipitation in the Central Plains region. (See vol. 44 of this REVIEW for 1916, pp. 628–633.) Whether considered with respect to the amount, frequency, or total duration of the precipitation, the dominance of daytime rains in the

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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1917.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observations must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later than 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 92, and 221). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location,

namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, +.008. The temperature correction card gives a correction of −.089, to which add the sum of correction +.008 = −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the "monthly temperature" to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ±0.3 or more in the case of mercurial thermometers, and ±0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0° −0.5° = 61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0° −1.2° = −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0° +7.8° = −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0° −2.3° = −37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th, or 120th meridian time the 8 a. m. and 8 p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

70. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

73. The daily sunshine percentage may at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The "Percentage of possible for each hour" will be determined by dividing the "Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month.

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0," the direction for that hour will also be "0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248.
The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

These data will be prepared in duplicate, one copy to be forwarded to the Central Office as page 13, Form 1001, and the other to be neatly pasted in the bound copy of the retained Form 1001, as page 11.

91. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

92. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

96. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as "Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

97. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as "Smoky" or "Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

98. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

99. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the

gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted _____ p. m. to _____ p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p.m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed "On ground at _____ p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96, 97, and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inche in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l., unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ------ p. m. to ------ p. m.," page 8.

p. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

125. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

134. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l. Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at, or ~~in the immediate vicinity~~ within 25 miles of the station, a report will be made in the "Met'l. Notes," stating the size of the stones, and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed "Prevailing direction") will be determined from the sums of "Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month" from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, "Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data. One copy will be inserted in the Central Office Form 1002, and the other in the retained Form 1002.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under "State of weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading "Nature of precipitation," etc., the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

159. At the option of the official in charge, additional data in regard to hailfall and sleetfall; and ground covering of hail, sleet, and ice, may be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

163. In the spaces headed "Cloudiness and other conditions" the state of the weather will be indicated by the words "Clear," "Partly cloudy," "Cloudy," "Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The "Character of the day" will be entered in the space provided for it.

164. The space headed "Sunshine" is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for "Wind direction" and "Wind movement" will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, "Maximum velocities exceeding _____ miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, and No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4} \times 12 = 15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7 = 8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60 \div 13 = 4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest

time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60 \div 2 = 30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91 + 990 = 1{,}081$; $1{,}081 - 950 = 131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record

sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (\), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during period of time indicated.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	--------	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	--------	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference

to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 218 and 219.

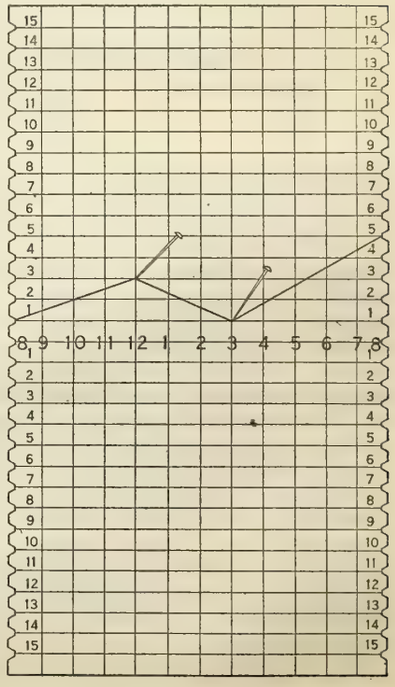
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the



Thermograph correction card.

card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: −3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	−1	−1	−2	−2	−3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheet, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the record.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030—Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

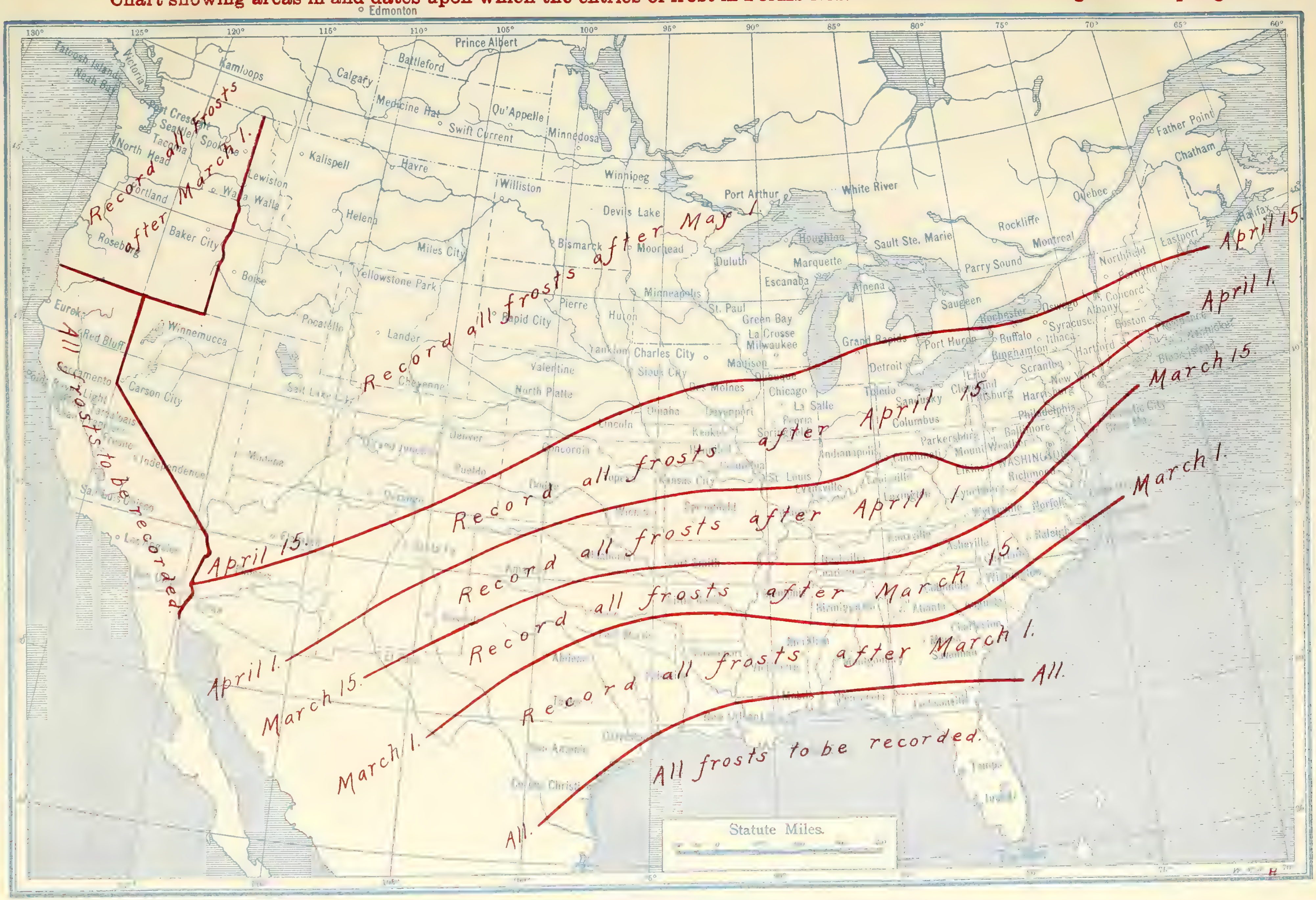
227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

FORM No. 1083.

229. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Chart showing areas in and dates upon which the entries of frost in Forms Nos. 1001 and 1014—Met'l begin in the spring.



U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *191*8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-912; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 191

Number of Station barometer, [illegible]; sum of corrections, [illegible] inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO [illegible] A. M. [illegible] MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	[illegible]	[illegible]	[illegible]	29.7[illegible]	30.[illegible]	[illegible]	[illegible]	[illegible]	92	.16[illegible]	13.0	[illegible]	[illegible]	8			T	10	Nb	[illegible]	Lt Snow		[illegible]	1
2	[illegible]	28.9[illegible]	[illegible]	28.92[illegible]	29.79	14.1	13.3	12	86	.070	[illegible]	13.2	NE	[illegible]			.24	[illegible]	St Cu	E	[illegible]		[illegible]	2
3	59.0	29.443	-090	29.353	30.34	[illegible]	2.[illegible]	–	[illegible]	.036	11.[illegible]	[illegible]	NE	[illegible]			0	[illegible]	0	0	Clear		[illegible]	3
4	63.0	29.214	-100	29.114	30.08	[illegible]	11.[illegible]	8	7[illegible]	.057	[illegible]	[illegible]	S[illegible]	8			0	10	St	[illegible]	Cloudy		[illegible]	4
5	60.5	28.960	-093	28.867	29.84	11.4	10.8	8	87	.0[illegible]	17.[illegible]	11.4	E	9			0	4	St	E	Pt Cloudy		[illegible]	5
6	60.5	28.12[illegible]	-092	28.029	29.57	[illegible]	23.7	[illegible]	9[illegible]	.118	24.2	22.[illegible]	E	19	39	NE	.02	10	Nb	E	Blustering		[illegible]	6
7	59.0	28.580	-087	28.493	29.[illegible]	21.[illegible]	[illegible]	21	[illegible]	.108	30.[illegible]	21.0	S	12			.12	[illegible]	Nb	[illegible]	Lt Snow		[illegible]	7
8	64.5	29.[illegible]	[illegible]	28.914	29.[illegible]	.58	52	3	8.5	.044	20.6	5.4	SW	13			.06	10	Nb	SW	Lt Snow		[illegible]	8
9	56.0	29.048	-081	28.967	29.[illegible]	10.[illegible]	[illegible]	6	9	.05[illegible]	12.2	1[illegible]	SW	13			.02	10	Nb	SW	Lt Snow		[illegible]	9
10	58.1	[illegible]	[illegible]	29.[illegible]	30.[illegible]	17.6	17.0	16.[illegible]	90	.085	18.0	10.3	W	7			T	10	St	W	Cloudy		[illegible]	10
11	64.0	28.950	-102	28.848	29.80	16.0	17.2	13	86	.074	19.9	15.2	E	6			0	10	St	E	Cloudy		[illegible]	11
12	50.0	28.520	-064	28.456	29.[illegible]	-19.6	-9.8	-23	83	.01	21.0	19.6	SW	[illegible]	39	W	.0	10	St	SW	Cloudy		[illegible]	12
13	48.0	28.890	-060	28.83[illegible]	29.52	-0.[illegible]	-0.5	-2	93	.03[illegible]	-0.1	-9.[illegible]	SW	22	36	SW	0	10	St	SW	[illegible]		[illegible]	13
14	[illegible]	29.0[illegible]	[illegible]	29.[illegible]	29.90	[illegible]	9.[illegible]	7	87	.0[illegible]	11.6	8.6	SW	8			0	10	St	SW	Cloudy		[illegible]	14
15	62.0	28.69[illegible]	-096	28.594	29.5[illegible]	14.4	14.2	13	96	.07[illegible]	16.2	13.3	W	8			.18	10	Nb	W	Lt Snow		[illegible]	15
16	56.0	28.900	.081	28.8[illegible]	29.[illegible]	5.0	[illegible]	[illegible]	92	.04[illegible]	5.0	1.[illegible]	SW	12			0	10	St	SW	Cloudy		[illegible]	16
17	52.0	28.888	-076	28.81[illegible]	29.78	14.0	13.6	12	92	.070	18.8	10.4	SW	14			T	10	Nb	SW	Lt Snow		[illegible]	17
18	53.0	29.008	-073	28.935	29.92	-5.6	-6.0	-9	[illegible]	.02[illegible]	1.1	-6.0	SW	[illegible]			T	0	0	0	Clear		[illegible]	18
19	52.5	29.060	-072	28.988	29.9[illegible]	-4.0	-4.6	-9	76	.023	-1.5	-5.0	SW	14			0	0	0	0	Clear		[illegible]	19
20	55.0	29.354	-079	29.275	30.28	-6.0	-6.5	-11	78	.021	5.2	-6.8	SW	5			0	[illegible]	St	SW	Clear		[illegible]	20
21	55.[illegible]	29.50[illegible]	-079	29.42[illegible]	30.[illegible]	0.2	0.0	-1	93	.036	9.6	-2.8	S	4			0	None	Fog	S	Foggy		[illegible]	21
22	56.0	29.116	-36[illegible]	29.0[illegible]5	30.01	8.9	8.5	7	91	.054	11.1	7.6	SW	7			.04	10	St	SW	Cloudy		[illegible]	22
23	54.0	29.1[illegible]4	-076	29.0[illegible]	30.07	-4.[illegible]	-4.4	-7	84	.02[illegible]	13.8	-4.0	SW	9			0	0	0	0	Clear		[illegible]	23
24	59.0	28.660	-088	28.572	29.51	30.0	29.5	29	95	.157	30.0	12.[illegible]	SW	16			.05	10	Nb	SW	Lt Rain		[illegible]	24
25	5[illegible]	28.72[illegible]	-085	28.635	29.53	30.8	29.[illegible]	29	95	.157	30.8	20.2	SW	12			.01	10	St	SW	Cloudy		[illegible]	25
26	60.0	29.216	-092	29.124	30.08	15.[illegible]	14.[illegible]	9	73	.060	27.0	15.7	NE	21			0	10	St	NE	Cloudy		[illegible]	26
27	60.5	29.412	-094	29.318	30.31	3.2	3.0	2	94	.042	9.0	0.8	NE	14	27	NE	.02	9	St Cu	NE	Cloudy		[illegible]	27
28	58.0	29.000	-086	28.914	29.88	13.0	12.8	12	96	.070	13.0	7.6	W	8	29	NE	.02	10	Nb	NW	Lt Snow		[illegible]	28
29	54.0	29.392	-077	29.315	30.31	0.0	0.6	-4	80	.031	14.8	0.0	SW	10			T	0	0	0	Clear		[illegible]	29
30	60.5	29.432	-094	29.338	30.32	2.8	2.4	1	87	.040	14.2	2.6	NE	8			0	8	St	NE	Cloudy		[illegible]	30
31	61.0	29.560	-095	29.465	30.44	2.2	1.6	-2	78	.034	17.6	1.8	NE	9			0	6	St. Cu.	N	Pt. Cloudy		C.M.S.	31
Sums		(a)	(a)	898.272	928.39	2594	245.1	177	2712	1830	(a)	(a)	(a)	353	(a)	(a)	088	230	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	28.977	29.948	8.4	7.9	5.7	87.5	.059	(a)	(a)	(c) SW	11.4	(a)	(a)	(a)	7.4	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, † By dial when self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 191[illegible]

Number of Station barometer, 656; sum of corrections, -0.[illegible] inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	56.0	28.800	-.081	28.719	29.68	15.0	14.2	12	86	.070	16.3	11.4	SE	7			.44	10	Nb	SE	Lt. Snow			[illegible]	1
2	64.0	29.348	-.103	29.245	30.21	10.8	9.9	6	81	.052	17.2	10.7	NE	12	31	NE	.04	0	0	0	Clear			NSB	2
3	68.0	29.386	-.114	29.272	30.25	13.8	13.4	12	92	.070	15.7	1.7	SE	7			0	9	St.	SE	Cloudy			NSB	3
4	66.0	29.012	-.107	28.905	29.87	17.2	16.4	14	87	.077	23.0	13.0	SE	0			T	0	0	0	Clear			NSB	4
5	67.0	28.919	-.110	28.809	29.77	22.8	21.0	17	76	.089	25.2	11.4	NE	14			0	10	St	NE	Cloudy			NSB	5
6	60.5	28.550	-.091	28.459	29.39	34.0	32.0	29	81	.157	34.4	23.9	S	16			.24	10	St.	S	Cloudy			[illegible]	6
7	64.0	28.858	-.101	28.757	29.71	20.6	20.4	20	97	.103	24.0	19.4	NW	7			.06	10	Nb	NW	Lt Snow			NSB	7
8	60.5	29.078	-.093	28.985	29.95	2.2	[illegible]	7	[illegible]	.054	18.7	5.8	SW	16			T	2	St.	SW	Clear			NSB	8
9	63.5	29.148	-.101	29.047	30.0[illegible]	16.0	15.8	15	97	.081	17.2	4.0	N	14			T	[illegible]	Nb	N	Lt Snow			NSB	9
10	65.0	29.192	-.105	29.087	30.05	19.9	19.1	17	88	.089	25.1	16.0	N	8			0	4	St.	N	Pt. Cloudy			NSB	10
11	70.0	28.300	-.115	28.185	29.12	21.0	21.0	21	100	.108	21.5	15.6	NE	10			.3[illegible]	10	Nb	NE	Lt Snow			NSB	11
12	52.0	28.642	-.069	28.573	29.57	-9.1	-9.4	-12	[illegible]	.022	-9.1	-23.6	SW	32	44	S	0	10	St.	SW	Cloudy			NSB	12
13	50.0	29.089	-.065	29.024	30.00	9.4	8.2	[illegible]	[illegible]	.044	[illegible]	-2.[illegible]	S	[illegible]	31	SW	0	0	0	0	Clear			[illegible]	13
14	63.5	28.826	-.100	28.726	29.69	16.2	15.7	15	92	.081	19.6	10.4	NE	8			0	10	St.	NE	Cloudy			NSB	14
15	64.0	28.941	-.102	28.839	29.80	3.8	3.2	0	[illegible]	[illegible]	14.4	3.8	St.	[illegible]			T	0	0	0	Clear			NSB	15
16	59.0	28.864	-.088	28.776	29.74	18.8	18.4	18	94	.093	21.7	5.0	SW	10			T	10	Nb.	SW	Lt Snow			NSB	16
17	58.0	29.017	-.086	28.9[illegible]	29.9[illegible]	[illegible]	10.8	10	9[illegible]	.063	17.2	11.1	SW	11			T	10	Nb	SW	Lt. Snow			NSB	17
18	51.0	29.020	-.081	28.939	29.94	[illegible]	[illegible]	-4	[illegible]	[illegible]	4.4	-7.6	SW	12			0	0	0	0	Clear			NSB	18
19	58.0	29.225	-.086	29.139	30.13	5.2	4.4	0	79	[illegible]	10.1	[illegible]	SW	8			0	0	0	0	Clear			NSB	19
20	58.0	29.472	-.087	29.385	30.38	9.6	7.6	-2	36	.034	5.2	-7.2	SW	5			0	0	0	0	Clear			HMR	20
21	58.0	29.311	-.067	29.224	30.21	11.1	10.0	6	77	05	[illegible]	-1.2	SW	8			0	10	St.	SW	Cloudy	Begins Ends	Dense Ends	NSB	21
22	50.0	29.052	-.086	28.966	29.94	13.8	13.1	1	[illegible]	.066	[illegible]	[illegible]	[illegible]	[illegible]			.02	6	St Cu	W	Pt Cloudy			NSB	22
23	62.0	28.992	-.097	28.895	29.88	12.1	11.9	11	96	[illegible]	12.1	-4.8	SE	8			T	10	Nb	SE	Lt Snow			NSB	23
24	60.[illegible]	28.[illegible]	-.09[illegible]	28.7[illegible]	29.66	20.2	19.9	19	95	.09[illegible]	31.[illegible]	19.[illegible]	SW	12			.01	10	Nb.	SW	Lt Snow			NSB	24
25	61.0	29.110	-.094	29.016	29.9[illegible]	27.[illegible]	23.8	17	63	.08[illegible]	36.[illegible]	27.[illegible]	NW	10			0	10	St.	NW	Cloudy			NSB	25
26	66.0	29.220	-.108	29.112	30.08	[illegible]	[illegible]	8	95	.057	15.7	9.0	NE	24	30	NE	.12	10	Nb.	NE	Lt Snow			NSB	26
27	61.5	29.354	-.096	29.258	30.2[illegible]	7.8	6.8	-3	77	.044	10.4	1.0	NE	16			0	10	St	NE	Cloudy			NSB	27
28	5[illegible]	29.4[illegible]	-.089	29.[illegible]	30.02	14.[illegible]	[illegible]	8	7[illegible]	.057	20.[illegible]	[illegible]	SW	5			[illegible]	1	St Cu	St.	Pt Cloudy			NSB	28
29	6[illegible]	29.[illegible]	[illegible]	29.4[illegible]	30.4[illegible]	[illegible]	12.0	[illegible]	[illegible]	[illegible]	18.7	-1.[illegible]	N	[illegible]			0	0	0	0	Clear			NSB	29
30	65.[illegible]	29.[illegible]	[illegible]	29.3[illegible]	30.[illegible]	[illegible]	18.8	11	[illegible]	[illegible]	22.5	2.2	N	[illegible]			0	0	0	0	Clear			NSB	30
31	18.0	29.632	-.115	29.517	30.52	2.8	2.2	-1	83	.036	8.7	1.0	N	8			0	0	0	0	Clear			[illegible]	31
Sums		(a)	(a)	[illegible]	[illegible]	[illegible]	388.7	295	2581	2.070	(a)	(a)	(a)	365	(a)	(a)	1.31	185	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	[illegible]	[illegible]	[illegible]	12.5	9.5	83.3	.067	(a)	(a)	(c) SW	11.8	(a)	(a)	(a)	6.0	(c) St Nb	(c) SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Tuesday	16	10	6	2	13				Sd	6:10a	---										ø.56				0	5.3	5.3	ø.56	1
2	17	7	10	1	12				Sd	---	INA	Sd	7:10a	10:15a							ø.16				0	3.5	8.6	ø.16	2
3	16	2	14	3	9																0				0	0	8.4	0	3
4	23	11	2	8	17				Sd	9:15a	9:30a										T				0	T	8.2	T	4
5	25	11	14	1	18																0				0	0	7.9	0	5
6	34	22	[illegible]	10	28				Sl	INA	12:25p	R	12:25p	5:15p							.26				0.8	0	4.3		6
7	30	18	12	4	24				Sd	INA	9:15p										ø.20				0	4.0	6.5	ø.20	7
8	15	5	12	12	12				Sd	INA	9:10a	Sd	9:50p	---							ø.05				0	0	7.0	ø.05	8
9	17	4	13	2	10				Sd	---	INP										ø.01				0	0.4	7.2	ø.01	9
10	25	10	15	8	18																0				0	T	6.8	0	10
11	22	3	19	6	12				Sd	9:50a	---										ø.42				0	4.2	10.7	ø.42	11
12	3	-2	27	22	-10				Sd	---	INA										ø.05				0	0	11.6	ø.05	12
13	7	-4	14	13	3																0				0	0	11.4	0	13
14	[illegible]	9	11	11	14				Sd	8:30p	---										ø.06				0	0	11.1	ø.06	14
15	15	2	13	6	8				Sd	---	9:30a										ø.12				0	2.1	13.6	ø.12	15
16	22	2	20	4	12				Sd	6:35p	INP										T				0	T	13.5	T	16
17	17	-1	18	4	8				Sd	6:15a	11:00a	Sd	6:00p	8:10p							T				0	T	13.5	T	17
18	4	-8	12	10	-2																0				0	T	13.5	0	18
19	10	-5	15	4	2																0				0	0	13.4	0	19
20	15	-7	22	2	4																0				0	0	13.0	0	20
21	13	-3	16	1	5				Sd	9:30p	INP										.04				0	0	12.7	.04	21
22	21	6	15	9	14				Sd	8:05a	12:27p	Sd	1:35p	6:10p							.02				0	.06	13.2	.02	22
23	23	5	28	5	9				Sd	5:15p	---										ø.03				0	T	13.0	ø.03	23
24	32	19	13	17	26				Sd	---	INA	R	6:30a	8:10a	Sm	8:10a	11:50a	Sm	6:20p	INP	ø.04				0	.07	13.5	ø.04	24
25	37	20	17	2	28																0				0	0.1	12.0	0	25
26	20	5	15	16	12				Sd	7:50a	---										ø.13				0	1.6	13.4	ø.13	26
27	10	1	9	6	6				Sd	---	INA										ø.01				0	0.2	13.7	ø.01	27
28	20	5	12	8	14				Sd	INA	11:20a	Sd	8:45p	INP							.03				0	0.4	14.0	.03	28
29	19	0	19	4	10																0				0	T	13.9	0	29
30	22	2	20	2	12																0				0	0	13.7	0	30
31	10	1	9	6	6																0				0	0	13.5	0	31
S	586	171	465	209	354		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.19		Total excess or deficiency since January 1,		0.8	25.4	(a)	(a)	(a)
M	18.9	3.9	15.0	6.7	11.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ø Estimated

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SUMMARY FOR THE MONTH OF January, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .025)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
28.977	28.977	28.977	29.540	31	28.060	11	1.480	29.948	29.948	29.948	30.54	31	28.99	11	1.55
Corrected mean		28.972						Corrected mean		29.943	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8.4	13.5	11.0	7.9	12.5	10.2	18.9	3.9	11.4				37	25	-24	12	61	28	23	6	1

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
5.7	9.5	7.6	87.5	83.3	85.4	.059	.067	.063	29	0	31	9

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
9017	12.1	SW	44	S	12	3	12	3	5	3	28	6	2	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.4	6.0	5.9	60	6	13	12	0	7	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	12	0	0	21	21	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.19	0.68	1-2	0			0			3	17	12	3	0	20	19	16	25.4	13.5

(w) Maximum precipitation in 5 minutes Ø, date —; 10 minutes —, date —; 15 minutes —, date —; 30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

Ø Tipping bucket raingage was not exposed during the month

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket raingage was not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by [illegible], [illegible], Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 191

Number of Station barometer, 656; sum of corrections, −.009 inch.

Date.	Special Observations. Time. 75th Mer.	Local (standard).	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Thermometers. Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
10	1:00 pm	12:00 m	64.0	29.240	−.102	29.138	30.10	23.7	21.2	15	9	67	24.1	NW	8			0	1	Ci. St.	NW	Clear	Attended by C.O.	NSS	10
11	1:00 pm	12:00 m	67.0	28.661	−.109	28.552	29.49	19.9	19.7	19	1	97	20.4	NE	12			02	10	Nb.	NE	Light Snow	Attended by C.O. Clear	NSS	11
25	1:00 pm	12:00 m	60.0	28.864	−.091	28.773	29.71	36.9	32.5	26	[illegible]	63	36.9	W	[illegible]	[illegible]	[illegible]	0	9	St. Cu.	[illegible]	Cloudy	Attended by C.O.	NSS	25
26	1:00 pm	12:00 m	65.0	29.181	−.105	29.076	30.05	11.0	10.8	10	1	96	15.7	NE	20	26	NE	.01	10	Nb.	NE	Light Snow	Attended by C.O.	NSS	26
31	12:00 pm	11:00 pm				29.540	30.54	0																	
11	11:00 pm	10:00 pm				28.060	28.99	20																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of *February*, *191*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.01; date and observation upon which use of station barometer commenced, May 20, 1911 J. A. M., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry and Calhoun street, rooms 911-912; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 191

Number of Station barometer, 6.556; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.24 A. M. 4.00 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	63	29.6[illegible]	.089	29.5[illegible]	30.[illegible]	[illegible]	[illegible]	-2	9[illegible]	[illegible]	2.8	-0.2	NE	4			0	4	St.	NE	Pt. Cloudy		NSB	1
2	[illegible]	29.[illegible]	[illegible]	29.[illegible]	30.[illegible]	1.8	2.	-2	82	[illegible]	9.8	1.0	SW	8			0	0	0	0	Clear		NSB	2
3	[illegible]	[illegible]	[illegible]	28.[illegible]	[illegible]	[illegible]	20.2	[illegible]	[illegible]	[illegible]	[illegible]	17.0	SW	18			T	7	St. Cu	SW	Pt. Cloudy		NSB	3
4	51.0	[illegible]	[illegible]	29.30	30.[illegible]	[illegible]	-7.7	-11	87	[illegible]	12.5	-7.6	W	15			T	0	0	0	Clear		NSB	4
5	53.2	29.5[illegible]	-.082	29.[illegible]	30.5[illegible]	-8.2	-8.[illegible]	-12	[illegible]	.120	-4.8	-10.[illegible]	SE	5			0	5	St.	SE	Pt. Cloudy		NSB	5
6	57.0	28.92[illegible]	[illegible]	28.842	29.78	40.3	39.0	38	90	.228	40.3	14.6	SW	15	25	SW	0	10	St.	SW	Cloudy		NSB	6
7	61.0	29.28[illegible]	-.095	29.19	30.[illegible]	22.6	19.[illegible]	10	53	.063	37.6	22.6	SE	3			0	2 Lt.	St. Fog	SE. SE	Clear		NSB	7
8	60.5	29.276	-.091	29.[illegible]82	30.1[illegible]	26.[illegible]	25.4	23	88	.118	32.5	24.9	E	10			T	10	St.	E	Cloudy		NSB	8
9	6[illegible].0	29.2[illegible]		29.[illegible]	[illegible]	32.2	[illegible]	21	[illegible]	.172	45.5	32.2	NW	16			.23	10	Nb.	N	Lt. Rain		NSB	9
10	60.0	[illegible]	[illegible]	29.68[illegible]	30.0[illegible]	27.0	22.8	17	63	.089	27.9	23.[illegible]	S	14	27	SW	0	2	St.	SW	Clear		NSB	10
11	57.0	28.9[illegible]2	-.0[illegible]	28.[illegible]05	29.8[illegible]	36.[illegible]	32.9	27	6[illegible]	.14[illegible]	36.4	34.5	SW	14			0	0	0	0	Clear		NSB	11
12	6[illegible]	28.[illegible]2	-.094	28.[illegible]8	29.0[illegible]	43	43.[illegible]	43	[illegible]	.2[illegible]	46.[illegible]	42.[illegible]	[illegible]	10			.12	10 Lt.	Nb. Fog	SW SW	Lt Rain		NSB	12
13	6[illegible]	29.[illegible]	[illegible]	29.[illegible]	29.9[illegible]	32.[illegible]	28.7	26	84	[illegible]	34.2	29.[illegible]	SW	7			.01	10	St.	SW	Cloudy		NSB	13
14	65.5	28.882	-.0[illegible]	28.776	29.71	4[illegible]	38.7	33	[illegible]	.187	42.0	36.[illegible]	SE	15			0	3 2	Cu. St. St	W SE	Pt Cloudy		NSB	14
15	5[illegible]	29.[illegible]	-.088	29.0[illegible]	30.0[illegible]	21.3	[illegible]	19	[illegible]	[illegible]	[illegible]	21.3	NW	24	42	W	T	10	Nb	NW	Lt. Snow		NSB	15
16	62.[illegible]	29.38[illegible]	-.0[illegible]	29.28[illegible]	30.2[illegible]	18	[illegible]	17	9[illegible]	.087	24.7	16.[illegible]	NE	11			.02	10	Nb	NE	Lt. Snow		NSB	16
17	6[illegible]	29.67[illegible]	-.0[illegible]5	29.6[illegible]2	30.[illegible]	[illegible]	9.2	6	85	.0[illegible]	20.[illegible]	9.8	NW	4			T	0	0	0	Clear		NSB	17
18	59.0	29.5[illegible]	-.090	29.4[illegible]	30.[illegible]	16	12.6	12	8[illegible]	.07[illegible]	2[illegible]	15.2	SE	3			0	2 2	A St. Ci. St.	W W	Pt. Cloudy		NSB	18
19	61.0	28.900	-.094	28.806	29.[illegible]3	49.0	48.5	48	96	.334	49.0	49.[illegible]	SW	[illegible]	32	SW	.30	10	Nb.	SW	Lt. Rain		NSB	19
20	59.0	29.516	-.090	29.426	30.39	9.6	8.4	4	.74	.047	55.4	9.6	NW	20	37	W	T	4	St. Cu	NW	Pt. Cloudy		NSB	20
21	59.0	29.982	-.092	29.890	30.90	-0.8	7.4	-5	79	.029	6.4	-0.8	NW	8			0	0	0	0	Clear		NSB	21
22	60.0	29.387	-.093	29.294	30.27	18.2	16.0	9	65	.060	20.2	15.0	SW	13			0	2 2	Ci. St. St. Cu	W SW	Pt. Cloudy		NSB	22
23	57.0	29.073	-.084	28.989	29.94	29.0	26.2	21	69	.108	29.0	25.6	SW	12			0	2	Ci. St.	W	Clear		NSB	23
24	66.0	28.789	-.091	28.698	29.6[illegible]	42.0	38.9	35	76	.203	44.4	40.8	SW	20			0	4	St.	SW	Pt. Cloudy		NSB	24
25	60.0	28.770	-.091	28.679	29.61	38.0	38.0	38	100	.228	44.6	31.3	SW	8			T	Dense	Fog	SW	Foggy		NSB	25
26	59.[illegible]	29.072	-.089	28.983	29.93	22.2	19.7	13	65	.074	39.4	21.2	W	10	44	NW	.02	0	0	0	Clear		NSB	26
27	60.[illegible]	29.085	-.091	28.994	29.94	32.3	28.8	23	65	.118	34.0	31.2	SW	12			0	2	Ci. St.	NW	Clear		NSB	27
28	62.5	29.289	-.099	29.190	30.13	35.4	34.4	33	91	.187	43.3	34.9	NE	16			.04	10	Nb	NE	Lt. Rain		NSB	28
29																								29
30																								30
31																								31
Sums		(a)	(a)	815.613	842.46	649.3	607.0	604	2255	3.300	(a)	(a)	(a)	332	(a)	(a)	0.74	135	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.129	30.088	23.2	21.7	18.2	80.5	.118	(a)	(a)	(c) SW	11.9	(a)	(a)	(a)	4.8	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.490	-.114	29.376	30.37	9.8	7.4	-4	49	.031	12.3	0.4	S	9			0	0	0	0	Clear			P. McK.	1
2	68.5	29.170	-.114	29.056	30.03	19.0	17.3	12	74	.070	24.0	1.6	S	9			0	0	0	0	Clear			P. McK.	2
3	57.0	29.228	-.084	29.144	30.11	12.5	12.0	10	90	.063	22.2	12.5	W	19	28	NW	.01	10	Nb.	W	Lt. Snow			N.S.J.	3
4	60.0	29.514	-.093	29.421	30.43	-4.8	-5.3	-9	79	.023	0.3	-8.9	W	12	25	W	0	0	0	0	Clear			P. McK.	4
5	63.5	29.121	-.101	29.020	30.00	15.0	13.0	6	65	.052	15.0	-8.2	S	14			0	5	St.	S	Pt. Cloudy			P. McK.	5
6	62.0	29.092	-.097	28.995	29.94	37.6	34	29	71	.157	44.2	37.6	W	11			0	0	0	0	Clear			P. McK.	6
7	66.5	29.330	-.109	29.22[illegible]	30.17	32.5	30.0	26	75	.136	37.0	22.6	E	8			0	0	0	0	Clear	B NA E 8:30a B 9:50a E 2:00p	B 8:00a E 10:05a B 2:00p E NP	P. McK.	7
8	60.5	29.160	-.109	29.051	30.00	40.0	4[illegible]	40	100	.247	40.0	26.4	S	5			T	Dew	Fog	S	Foggy			P. McK.	8
9	57.0	29.424	-.111	29.313	30.27	27.2	21.1	23	82	.118	32.2	24.8	SW	10			T	10	St.	W	Cloudy			P. McK.	9
10	58.0	29.158	-.086	29.072	30.07	36.2	33.8	30	79	.161	40.2	27.0	SW	6			0	0	0	0	Clear			N.S.J.	10
11	62.5	28.9[illegible]	[illegible]	28.[illegible]	29.76	4[illegible]	41.5	36	63	.211	51.2	36.4	S	16			0	0	0	0	Clear			P. McK.	11
12	65.0	28.892	-.114	28.781	29.72	34.2	32.[illegible]	33	95	.18[illegible]	45.3	34.2	W	15	33	SW	.68	10	Nb.	W	Lt. Rain	B NA E 7:20a E 10:40a E 11:50a	B 7:25a E 10:40a	P. McK.	12
13	65.5	29.272	-.116	29.1[illegible]	30.16	42.0	37.8	32	68	.[illegible]	45.2	30.2	SE	6			0	0	0	0	Clear			P. McK.	13
14	66.0	28.6[illegible]	-.115	28.5[illegible]	29.4[illegible]	51.8	44.[illegible]	[illegible]	[illegible]	[illegible]	63.[illegible]	[illegible]	S	[illegible]	43	S	[illegible]	1	St.Cu.	SW	[illegible]			[illegible]	14
15	65.0	29.531	-.1[illegible]	29.444	30.4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.0	[illegible]	[illegible]	26	W	T	2	Cu. St.	SW	Cl[illegible]			[illegible]	15
16	66.0	29.4[illegible]	-.09[illegible]	29.331	30.30	20.0	18.5	15	78	.081	20.0	17.6	NW	5			10	8	St.Cu.	NW	Cloudy			P. McK.	16
17	63.5	29.6[illegible]	-.10	29.585	30.[illegible]	[illegible]	7.0	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	0	0	0	Clear			N.S.J.	17
18	[illegible]	[illegible]	-.12	29.[illegible]	30.05	4[illegible]	36.[illegible]	31	67	.72	42.7	16.5	S	5			0	8	St.Cu.	W	Cloudy	B 7:[illegible] E 9:00a		[illegible]	18
19	65.1	28.710	-.103	28.637	29.[illegible]	56.4	55.9	47	74	.302	59.3	49.0	W	27	36	SW	.32	10	St.	W	Cloudy	[illegible]		P. McK.	19
20	67.0	29.849	-.112	29.737	30.74	6.4	5.8	3	85	.044	14.1	6.4	NW	14			T	2	St.Cu.	NW	Clear			P. McK.	20
21	67.5	29.780	-.114	29.661	30.[illegible]	15.8	14.[illegible]	9	70	.06[illegible]	17.0	-0.8	SE	8			0	3	Cu. St.	NW	Clear			P. McK.	21
22	63.5	29.307	-.1[illegible]	29.2[illegible]	30.1[illegible]	28.[illegible]	26.2	1[illegible]	62	.09[illegible]	34.4	16.5	SW	8			0	0	0	0	Clear			N.S.J.	22
23	64.5	28.928	-.104	28.824	29.76	44.4	39.4	34	68	19[illegible]	55.[illegible]	29.[illegible]	SW	12	27	SW	0	1	St.Cu.	SW	Clear			P. McK.	23
24	61.5	28.8[illegible]	-.09[illegible]	28.779	29.70	44.6	41.8	39	80	.237	51.2	41.2	SW	[illegible]			[illegible]	2	Cu.Cu.	W	[illegible]	B 9:45p E 10:40p B 10:15a	B 10:40p	N.S.J.	24
25	67.[illegible]	28.438	[illegible]	28.33[illegible]	29.2[illegible]	39.[illegible]	37.4	34	84	.195	57.[illegible]	38.[illegible]	NW	34	42	NW	T	10	St.	NW	Cloudy	E 5:[illegible]	E 10:Na[illegible]	[illegible]	25
26	61.[illegible]	29.054	-.09[illegible]	28.94[illegible]	29.9[illegible]	37.[illegible]	28.0	2[illegible]	[illegible]	.12[illegible]	[illegible]	[illegible]	SW	[illegible]			0	0	0	0	Clear			P. McK.	26
27	65.5	29.251	-.107	29.144	30.[illegible]	43.3	37.3	34	60	.195	4[illegible]	32.[illegible]	S	[illegible]			0	10	St.	S	Cloudy			P. McK.	27
28	69.5	29.340	-.117	29.223	30.[illegible]6	34.5	34.0	34	95	.195	37.6	33.9	NE	15			.02	10	St.	NE	Cloudy	B 7:10a E 11:15a B 1:30p E 7:[illegible]	B 9:15a E 10:30a	P. McK.	28
29																									29
30																									30
31																									31
Sums		(a)	(a)	814.868	841.62	844.6	773.4	631	2042	3.881	(a)	(a)	(a)	310	(a)	(a)	1.42	102	(a)	(a)	(a)	8	6	(a)	(a)
Means		(a)	(a)	29.102	30.058	30.3	27.6	22.8	77.9	.134	(a)	(a)	(c) SW	11.1	(a)	(a)	(a)	3.6	(c) pt	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	12	0	12	0	6																0				0	0	13.3	0	1
2	24	1	23	6	12																0				0	0	12.9	0	2
3	24	5	19	2	14				Sm	12:30a	IN.A.	Sd	10:30a	11:05a	Sd	12:50p	4:25p	Sd	5:00p	8:00p	.01				0	0.1	12.8	.01	3
4	5	-9	14	16	-2																0				0	T	12.7	0	4
5	32	-10	42	13	11																0				0	0	12.4	0	5
6	44	32	12	27	38																0				0	0	8.1	0	6
7	37	23	14	8	30																0				0	0	6.4	0	7
8	45	25	20	5	35				Sl	IN.A	IN.A	R	8:15a	10:10a	R	10:10p	---				Ø.11				T	0	4.0	0	8
9	46	24	22	0	35				R	---	7:20a										Ø.12				0	0	3.7	0	9
10	40	24	16	3	32																0				0	0	3.4	0	10
11	51	35	16	11	43				R	9:45p	---										Ø.07				0	0	07	0	11
12	48	32	16	3	40				R	---	2:55p	R	5:55p	7:15p							Ø.74				0	0	0.4	0	12
13	45	30	15	2	38																0				0	0	T	0	13
14	63	36	27	12	50				R	4:35p	4:55p	R+H	4:55p	4:58p	R	4:58p	5:05p				.27				T	0	0	0	14
15	42	20	22	19	31				Sm	6:10a	10:35a	-									T				0	T	T	T	15
16	24	16	8	11	20				Sm	IN.A.	11:45a	Sm	1:30p	5:15p	Sm	10:15p	H.N.P				.12				0	1.5	1.4	.12	16
17	23	10	13	4	16																0				0	T	1.0	0	17
18	45	15	30	14	30				R	11:55p	---										T				0	0	T	0	18
19	59	27	32	13	43				R	---	10:30a	R	1:00p	5:50p							.64				0	0	0	0	19
20	27	3	24	28	15				Sd	IN.A.	I.N.A.	Sd	9:40a	11:15a	Sd	12:15p	12:30p				T				0	T	0	T	20
21	17	-1	18	7	8																0				0	0	0	0	21
22	32	16	16	16	24																0				0	0	0	0	22
23	50	27	23	14	38																0				0	0	0	0	23
24	51	35	16	5	43				R	11:40a	12:10p										T				0	0	0	0	24
25	51	27	30	1	42				R	6:36a	6:36a	R	2:50p	5:45p	R	6:50p	8:05p	Sm	8:05p	H.N.P	.02				0	0	0	Ø.01	25
26	36	21	15	14	28																0				0	Ø 0.1	0	0	26
27	48	32	16	12	40				R	11:10p	---										Ø T				0	0	0	0	27
28	40	33	7	4	36				R	---	5:35p	R	7:55p	10:15p							Ø.17				0	0	0	0	28
29																													29
30																													30
31																													31
S	1067	529	538	270	746		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.27		Total excess or deficiency since January 1,		T	1.7	(a)	(a)	(a)
M	38.1	18.9	19.2	9.6	28.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated

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SUMMARY FOR THE MONTH OF February, 191

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean 0.002.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.129	29.102	29.116	29.940	21	28.150	25	1.790	30.088	30.058	30.073	30.96	21	29.05	25	1.91
Corrected mean		29.111						Corrected mean		30.068	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
23.2	30.3	26.8	21.7	27.6	24.6	38.1	18.9	28.5				63	14	-10	5	73	42	5	7	28

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
18.2	22.8	20.5	80.5	72.9	76.7	.118	.134	.128	10	0	24	4

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8635	12.8	SW	44	NW	25	1	4	3	6	7	20	7	8	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.8	3.6	5.2	55	10	8	10	1	1	8

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	9, 14, 19	14, 15, 25	0	15, 21	7, 8, 12, 18, 19, 24, 25, 28	7, 8, 12, 24, 25, 28	0	0	0	0	14	-

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.27	0.81	11-12	0			0			5	10	8	3	0	15	5	3	1.7	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

Self-recording gage not exposed during month

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Self-recording gage not exposed during month																				

* The duration is the time precipitation was actually recorded.

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Prepared by W. S. B., J. M. Donogh L. S., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
21	9 10 am	8 10 am				29.940	30.96	-1.0																	21
25	6 00 pm	5 00 pm				28.150	29.05	44.0																	25

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of March, *191*8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 6 15; sum of corrections, .002; date and observation upon which use of station barometer commenced, [illegible] 7 A. M., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry and Calhoun streets, room 911-912; first observation taken in present office, 7:00 a.m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.0	29.570	-.106	29.464	30.42	31.8	31.3	31	95	.172	34.5	31.8	NW	8			.11	10	St.	NW	Cloudy		P.M.C.D.	1
2	64.0	29.474	-.103	29.371	30.33	32.0	30.0	27	79	.143	38.2	31.0	SW	13			0	0	0	0	Clear		P.M.C.D.	2
3	63.5	29.580	-.102	29.478	30.44	31.3	26.8	18	54	.093	42.2	31.3	NE	8			0	0	0	0	Clear		P.M.C.D.	3
4	62.0	29.161	-.097	29.064	30.01	33.0	32.0	31	90	.172	36.2	28.1	E	6			.01	10	Nb	S	Lt. Snow		P.M.C.D.	4
5	63.0	28.986	-.099	28.887	29.83	40.0	40.0	40	100	.247	42.2	40.0	S	9			.01	Dense	Fog	S	Foggy		P.M.C.D.	5
6	65.5	28.950	-.106	28.844	29.77	38.2	37.5	37	94	.219	62.8	38.2	NW	6			T	10 Lt	Nb Fog	NW NW	Lt. Rain		P.M.C.D.	6
7	63.0	29.200	-.100	29.100	30.06	21.4	20.4	18	86	.093	28.2	21.0	W	7			.02	10	St.	W	Cloudy		P.M.C.D.	7
8	60.5	29.283	-.094	29.189	30.13	31.6	29.1	25	74	.130	38.3	30.6	SW	8			0	0	0	0	Clear		P.M.C.D.	8
9	64.0	29.094	-.102	28.992	29.93	35.4	34.9	34	95	.195	47.0	35.4	E	18			.01	10	Nb.	E	Lt. Rain		P.M.C.D.	9
10	58.0	29.540	-.087	29.453	30.41	17.8	17.0	15	87	.081	55.5	17.8	NW	18	48	W	.01	1	St. Cu	NW	Clear		P.M.C.D.	10
11	58.0	29.562	-.087	29.475	30.44	26.4	24.9	22	82	.113	29.9	25.0	S	10			0	2	Ci. St.	NW	Clear		P.M.C.D.	11
12	61.5	29.048	-.095	28.953	29.88	51.0	44.0	36	57	.211	52.2	47.2	SW	26	30	SW	0	10	St.	SW	Cloudy		P.M.C.D.	12
13	66.0	29.080	-.107	28.973	29.90	40.7	38.2	35	80	.203	57.9	40.7	E	14			0	10	St.	E	Cloudy		P.M.C.D.	13
14	65.5	28.640	-.105	28.535	29.46	42.6	41.1	40	88	.247	42.6	35.4	E	9	26	N	.57	8	St. Cu	SW	Cloudy		P.M.C.D.	14
15	63.0	29.524	-.101	29.423	30.38	28.0	26.8	25	86	.130	34.0	28.0	N	10			T	4 2	A. St. St.	N N	Pt. Cloudy		P.M.C.D.	15
16	65.0	29.622	-.106	29.516	30.48	24.8	22.3	17	69	.089	31.2	23.4	SW	7			0	0	0	0	Clear		P.M.C.D.	16
17	63.5	29.260	-.102	29.158	30.10	34.4	32.4	29	81	.157	42.0	33.2	SW	12			0	0	0	0	Clear		P.M.C.D.	17
18	64.0	29.224	-.102	29.122	30.06	38.6	34.1	28	64	.150	53.2	37.5	SW	8			0	2	St.	NW	Clear		P.M.C.D.	18
19	66.0	29.245	-.108	29.137	30.07	46.3	39.8	31	56	.172	62.4	45.6	SW	9			0	7	St. Cu	SW	Pt. Cloudy		P.M.C.D.	19
20	68.0	29.220	-.113	29.107	30.04	46.0	43.0	40	79	.247	62.6	46.0	S	2			0	1	Ci. Cu	SW	Clear		P.M.C.D.	20
21	69.5	29.150	-.117	29.033	29.95	51.0	42.0	31	45	.172	68.1	47.4	E	1			0	0	0	0	Clear		P.M.C.D.	21
22	71.0	29.200	-.121	29.079	30.00	47.3	42.2	36	66	.211	69.0	47.3	NE	11			0	Lt.	Haze	-	Clear		P.M.C.D.	22
23	68.5	29.454	-.115	29.339	30.29	29.0	27.6	25	84	.130	46.8	28.4	NE	13			0	8	St. Cu	NE	Cloudy		P.M.C.D.	23
24	65.0	29.280	-.105	29.175	30.12	32.1	31.1	30	90	.164	37.5	32.1	NE	15			.04	10	St.	S	Cloudy		P.M.C.D.	24
25	63.5	29.276	-.102	29.174	30.11	34.0	31.2	27	74	.143	48.0	31.9	NW	8			0	0	0	0	Clear		P.M.C.D.	25
26	65.0	29.226	-.105	29.121	30.07	26.5	25.4	23	87	.118	44.2	25.3	NE	9			0	1	Cu	NE	Clear		P.M.C.D.	26
27	65.0	29.300	-.105	29.195	30.14	28.3	26.3	23	77	.118	38.4	25.6	N	3			0	0	0	0	Clear		P.M.C.D.	27
28	65.5	29.514	-.107	29.407	30.37	27.8	25.7	22	76	.113	41.4	26.5	NE	8			0	0	0	0	Clear		P.M.C.D.	28
29	65.5	29.580	-.107	29.473	30.43	30.8	28.6	25	77	.130	42.0	28.0	NE	8			0	0	0	0	Clear		P.M.C.D.	29
30	68.0	29.344	-.113	29.231	30.16	40.7	35.2	28	58	.150	54.4	38.8	SW	3			0	1	A. St.	W	Clear		P.M.C.D.	30
31	68.0	28.983	-.112	28.871	29.79	48.0	39.0	27	42	.143	58.0	44.8	SW	9			0	2	St.	SW	Clear		P.M.C.D.	31
Sums	(a)	(a)	(a)	904.339	933.57	1086.8	949.9	876	2372	4856	(a)	(a)	(a)	296	(a)	(a)	0.78	119	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.172	30.115	35.1	32.3	28.3	76.5	.157	(a)	(a)	(c) SW	9.5	(a)	(a)	(a)	3.8	(c) St	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:17 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.5	29.616	-.115	29.501	30.46	38.2	35.0	31	74	.172	41.3	30.1	W	4			0	0	0	0	Clear			A.S.B.	1
2	66.5	29.400	-.110	29.290	30.24	42.2	36.7	29	59	.157	54.8	31.4	NW	12	29	SW	0	0	0	0	Clear			A.S.B.	2
3	65.5	29.491	-.107	29.384	30.34	36.2	32.2	26	65	.136	43.0	31.3	E	8			0	0	0	0	Clear			P.McD.	3
4	66.5	28.990	-.108	28.882	29.82	42.2	40.9	40	90	.247	43.2	32.6	W	9			.22	10 Lt.	St. Fog	W W	Cloudy	B 12:30p E 1:10p B 4:40p E IN A	B 8:35a. E 12:30p B 1:10p E 4:40p B IN A	A.S.B.	4
5	67.0	28.800	-.109	28.691	29.61	62.8	54.8	49	60	.347	68.6	40.0	SW	6			0	0	0	0	Clear		E 10:35a	A.S.B.	5
6	70.0	29.008	-.118	28.890	29.84	28.2	27.7	27	94	.143	38.2	28.2	NW	16			.02	10	Nb	NW	Lt. Snow	B I.N.A. E 10:30a		A.S.B.	6
7	65.5	29.106	-.106	29.000	29.95	38.3	32.0	22	49	.113	40.8	20.8	SW	10			T	7	St. Cu	W	Pt. Cloudy			A.S.B.	7
8	65.0	29.286	-.105	29.181	30.12	47.0	42.4	37	68	.219	51.4	31.0	E	7			0	10	St.	E	Cloudy			A.S.B.	8
9	67.0	28.578	-.108	28.470	29.39	55.0	54.5	54	94	.417	64.1	35.4	W	34	55	W	.24	8	St. Cu	W	Cloudy			A.S.B.	9
10	62.0	29.744	-.099	29.641	30.61	29.0	27.1	23	73	.118	29.8	17.8	NW	4			0	0	0	0	Clear			P.McD.	10
11	65.0	29.164	-.105	29.059	30.00	49.2	40.1	28	43	.150	53.8	26.4	S	15	25	S	0	4	St. Cu	S	Pt. Cloudy			A.S.B.	11
12	69.5	29.065	-.116	28.949	29.88	57.9	51.4	46	64	.310	62.3	50.0	SW	7			T	10 Lt.	St. Fog	SW SW	Cloudy	B 6:00p E I.N.P.		A.S.B.	12
13	70.0	28.744	-.117	28.627	29.55	36.8	36.3	36	95	.211	41.0	36.8	NE	14			.40	10 Lt.	St. Fog	NE NE	Cloudy	B 3:00p E I.N.P.		A.S.B.	13
14	68.5	29.008	-.114	28.894	29.83	34.0	34.0	34	100	.195	55.2	34.0	NW	15	37	SW	.02	10	Nb.	NW	Lt. Rain			A.S.B.	14
15	70.0	29.689	-.120	29.569	30.54	31.2	28.0	22	67	.113	35.5	27.5	NE	6			0	0	0	0	Clear			A.S.B.	15
16	70.5	29.455	-.121	29.334	30.28	42.0	35.8	27	53	.143	47.5	24.2	SW	9			0	0	0	0	Clear			A.S.B.	16
17	65.0	29.190	-.105	29.085	30.01	53.2	43.2	31	42	.172	59.4	34.4	SW	11	26	SW	0	0	0	0	Clear			P.McD.	17
18	67.5	29.133	-.112	29.021	29.95	62.4	48.3	33	33	.187	72.1	38.6	SW	13			0	0	0	0	Clear			A.S.B.	18
19	68.5	29.183	-.114	29.069	30.00	62.6	48.1	32	32	.180	68.8	46.3	SW	5			0	9	St. Cu	SW	Cloudy			A.S.B.	19
20	71.0	29.106	-.120	28.986	29.92	68.1	50.0	30	24	.164	76.2	45.3	E	4			0	0	0	0	Clear			A.S.B.	20
21	72.0	29.055	-.123	28.932	29.85	69.0	54.1	41	36	.256	76.7	51.0	W	5			0	2	Ci. St.	NW	Clear			A.S.B.	21
22	73.5	29.304	-.128	29.176	30.11	46.8	39.1	29	49	.157	52.2	45.0	NE	7			.04	9	St. Cu	NE	Cloudy			A.S.B.	22
23	69.0	29.365	-.116	29.249	30.20	37.5	31.0	20	46	.103	47.1	28.6	NE	16			0	9	St. Cu	NE	Cloudy			A.S.B.	23
24	68.0	29.250	-.113	29.137	30.08	48.0	41.0	32	54	.180	53.0	31.4	N	8			.01	0	0	0	Clear			P.McD.	24
25	68.5	29.162	-.114	29.048	29.99	44.2	34.7	19	34	.098	51.8	34.0	NW	9	25	NW	0	3	A St.	NW	Clear			A.S.B.	25
26	69.0	29.209	-.116	29.093	30.04	38.4	32.0	22	48	.113	42.4	26.0	NE	6			0	0	0	0	Clear			A.S.B.	26
27	71.0	29.322	-.121	29.201	30.14	41.4	33.1	19	38	.098	46.0	27.5	N	10			0	0	0	0	Clear			A.S.B.	27
28	70.5	29.522	-.121	29.401	30.36	42.0	34.5	23	45	.118	47.2	27.2	E	7			0	0	0	0	Clear			A.S.B.	28
29	70.0	29.452	-.119	29.333	30.27	54.4	41.6	24	29	.124	58.1	30.3	NE	4			0	2	A St.	N	Clear			A.S.B.	29
30	69.5	29.072	-.116	28.956	29.89	58.0	44.7	28	32	.150	64.2	40.1	SW	5			0	2	St.	SW	Clear			A.S.B.	30
31	70.0	28.830	-.117	28.713	29.62	63.2	55.2	49	60	.347	71.2	48.5	SW	13	32	SW	0	Lt.	Haze	–	Clear			P.McD.	31
Sums		(a)	(a)	901.762	930.89	1460.5	1239.5	963	1750	5.638	(a)	(a)	(a)	299	(a)	(a)	0.95	115	(a)	(a)	(a)	5	2	(a)	(a)
Means		(a)	(a)	29.089	30.029	47.1	40.0	31.1	56.5	.182	(a)	(a)	(c) SW	9.6	(a)	(a)	(a)	3.7	(c) 8.6u	(c) NE SW W NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	41	30	11	0	36																0				0	0	0	0	1
2	55	31	24	7	43																0				0	0	0	0	2
3	43	29	14	7	36																0				0	0	0	0	3
4	43	28	15	0	36				R	3:00a	4:50a	Sm	6:35a	7:05a	R	7:05a	11:50a	R	12:30p	4:15p	.23				0	T	0	T	4
5	69	40	29	18	54				R	I.N.A.	I.N.A.										.01				0	0	0	0	5
6	58	25	33	12	42				R	I.N.A.	7:20a	Sm	4:15p	10:10p							.04				0	0.2	0.2	.04	6
7	41	21	20	11	31				Sd	7:15a	7:35a										T				0	0.2	0	T	7
8	51	31	20	10	41																0				0	0	0	0	8
9	64	26	38	4	45				R	I.N.A.	8:50a	R	9:30a	11:50a	R	12:45p	6:10p	R	8:15p	I.N.P.	Ø.26				0	0	0	0	9
10	30	18	12	21	24				Sd	I.N.A.	6:10a										Ø T				0	T	0	Ø T	10
11	54	25	29	16	40																0				0	0	0	0	11
12	62	48	14	15	55				R	8:10a	8:25a										T				0	0	0	0	12
13	52	35	17	11	44				R	7:55a	2:20p	R	11:00p	---							Ø.50				0	0	0	0	13
14	55	31	24	1	43				R	---	2:45a	R	8:45a	9:20a	R	5:50p	7:20p				Ø.49				0	0	0	0	14
15	36	28	8	11	32																0				0	0	0	0	15
16	48	23	25	4	36																0				0	0	0	0	16
17	59	33	26	10	46																0				0	0	0	0	17
18	72	38	34	9	55																0				0	0	0	0	18
19	69	46	23	3	58																0				0	0	0	0	19
20	76	45	31	2	60																0				0	0	0	0	20
21	77	47	30	2	62																0				0	0	0	0	21
22	59	38	21	14	48				R	12:40p	3:05p										.04				0	0	0	0	22
23	47	28	19	10	38																0				0	0	0	0	23
24	53	31	22	4	42				R	12:15a	4:45a	Sm	4:45a	5:50a	R	7:04a	8:30a				.05				0	T	0	Ø T	24
25	52	32	20	0	42																0				0	0	0	0	25
26	42	25	17	8	34																0				0	0	0	0	26
27	46	26	20	2	36																0				0	0	0	0	27
28	47	26	21	0	36																0				0	0	0	0	28
29	58	28	30	7	43																0				0	0	0	0	29
30	64	39	25	9	52																0				0	0	0	0	30
31	71	45	26	6	58																0				0	0	0	0	31
S	1694	996	698	234	1348		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	162		Total excess or deficiency since January 1,		0	04	(a)	(a)	(a)
M	546	321	225	75	435	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated

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SUMMARY FOR THE MONTH OF March, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.172	29.089	29.130	29.641	10	28.300	9	1.341	30.115	30.029	30.072	30.61	10	29.19	9	1.42
Corrected mean		29.125						Corrected mean		30.067	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
35.1	47.1	41.1	32.3	40.0	36.2	54.6	32.1	43.4				77	21	18	10	59	38	9	8	15

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
28.3	31.1	29.7	76.5	56.5	66.5	.157	.182	.170	1	0	20	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7898	10.6	SW	55	W	9	4	13	9	0	4	18	5	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.8	3.7	3.9	71	17	6	8	0	2	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	9, 13, 14	9	0	0	4, 5, 6, 12, 13	4, 5	22, 31	0	0	0	0	7

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.62	0.47	13-14	0			0			3	8	7	3	0	11	5	1	0.4	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

Tipping bucket raingage put back in position at 1:45 pm of 29th.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			Tipping bucket raingage not replaced until the 29th.																	

* The duration is the time precipitation was actually recorded.

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Prepared by W.S.B.

P. M. Romaya, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 191

Number of Station barometer, 6256*; sum of corrections, [illegible] inch.

Date.	Special observations. Time. 75th Mer.	Local (standard).	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Thermometers. Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Velocity. †	Max. since last observation.	Direction.	Precipitation. ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	[illegible]	11 [illegible]	66.0	28.768	-.06	28.66.2	29.07	42.3	40.8	39	3	88	55.21	SW	24	36	SW	T	9	Sr. Cu	SW	Cloudy	Ordered by C. O.	H. S. B.	11
9	6 P.M. 10	5 P.M. 10				28 30 0	29.19	64.0																	9

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of APR 1918, *191*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 J aux, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets rooms 911-912; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1918, 191

Number of Station barometer, 6[illegible]; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	28.847	-.112	28.735	29.65	53.3	51.8	50	91	.360	63.2	52.1	SW	10			.13	8	St. Cu	SW	Cloudy		A.S.B.	1
2	66.0	28.978	-.107	28.871	29.79	51.0	49.3	48	89	.334	55.6	44.7	S	6			0	1 Lt.	A St. Fog	W S	Clear		A.S.B.	2
3	67.5	29.163	-.112	29.051	29.99	36.4	34.0	31	79	.172	54.2	35.7	NE	16			.03	10	St. Cu	NE	Cloudy		A.S.B.	3
4	66.5	29.384	-.110	29.274	30.22	3[illegible]	26.3	13	40	.07[illegible]	42.5	30.2	N	12			0	0	0	0	Clear		A.S.B.	4
5	67.0	29.585	-.111	29.474	30.43	31.0	26.6	18	54	.093	40.5	27.2	E	7			0	0	0	0	Clear		A.S.B.	5
6	66.5	29.350	-.109	29.241	30.18	35.1	31.1	25	64	.130	45.3	30.5	E	10			0	8	St. Cu	E	Cloudy		A.S.B.	6
7	65.0	29.295	-.105	29.190	30.12	45.2	43.3	41	84	.256	57.0	43.8	SW	12	29	SW	.04	4	A. St.	W	Pt. Cloudy		A.S.B.	7
8	63.0	29.502	-.101	29.401	30.35	37.2	33.8	29	71	.157	53.1	35.8	NW	7			0	9	St. Cu	NW	Cloudy		A.S.B.	8
9	63.5	29.696	-.103	29.593	30.56	27.0	24.8	21	74	.108	31.0	25.8	NE	20			0	0	0	0	Clear		A.S.B.	9
10	65.5	29.486	-.107	29.379	30.34	26.2	24.8	22	83	.113	36.4	24.0	NE	24	26	NE	0	10	St.	NE	Cloudy		A.S.B.	10
11	64.0	29.294	-.103	29.191	30.13	34.3	33.8	33	95	.187	34.3	33.2	NE	12	27	NE	.01	10 Nb. Fence	Fog	NE NE	Lt. Rain		A.S.B.	11
12	63.5	29.303	-.102	29.201	30.14	34.5	31.2	26	67	.136	36.2	34.2	N	10			0	9	St. Cu	N	Cloudy		A.S.B.	12
13	65.0	29.357	-.105	29.252	30.20	38.0	34.8	31	73	.172	44.6	32.6	NW	5			0	0	0	0	Clear		A.S.B.	13
14	67.0	29.356	-.111	29.245	30.17	43.3	35.0	22	41	.113	59.0	38.2	N	3			0	0	0	0	Clear		A.S.B.	14
15	67.0	29.354	-.111	29.243	30.17	47.8	39.3	28	45	.150	63.0	41.8	E	5			0	2	Ci. St.	W	Clear		A.S.B.	15
16	69.5	29.125	-.116	29.009	29.93	56.5	51.4	47	71	.322	66.0	54.3	S	5			.03	10	St.	SE	Cloudy		A.S.B.	16
17	71.5	28.841	-.120	28.721	29.63	52.0	51.5	51	97	.373	70.0	52.0	SE	5			.23	10	Nb.	SE	Lt. Rain		A.S.B.	17
18	69.0	2[illegible]	[illegible]	28.85	29.[illegible]	47.[illegible]	44.0	41	78	.256	56.8	42.3	SW	8			0	0	0	0	Clear		A.S.B.	18
19	67.0	29.473	-.111	29.362	30.32	28.2	27.0	25	86	.130	42.2	27.2	NE	16			0	10	St.	NE	Cloudy		A.S.B.	19
20	63.0	29.223	-.100	29.123	30.07	37.2	34.0	29	73	.157	37.2	32.2	NE	19			0	3 5	A St. St.	N NE	Cloudy		A.S.B.	20
21	62.0	28.803	-.096	28.7[illegible]7	29.6[illegible]4	39.3	38.8	38	96	.228	51.0	39.3	SW	16			.23	10	St.	SW	Cloudy		A.S.B.	21
22	56.0	28.840	-.081	28.759	29.69	42.4	39.2	35	76	.203	42.4	35.2	SW	16			.04	0	0	0	Clear		A.S.B.	22
23	62.5	29.029	-.098	28.931	29.86	44.5	40.8	36	73	.211	58.0	42.6	SW	[illegible]			0	3	Ci. St.	W	C[illegible]		A.S.B.	23
24	62.5	29.345	-.099	29.246	30.19	37.7	31.6	22	50	.113	45.0	33.8	SE	4			0	3 1	Ci. S St.	W SW	Pt. Cloudy		A.S.B.	24
25	65.0	29.400	-.106	29.294	30.24	35.4	32.1	27	70	.143	45.0	31.0	E	10			0	8 2	A St. St.	SW SW	Cloudy		A.S.B.	25
26	66.5	29.1[illegible]	-.108	28.992	29.93	4[illegible]	40.5	40	96	.247	46.8	40.2	NE	9			.16	10	Nb.	NE	Lt. Rain		A.S.B.	26
27	67.5	29.232	-.112	29.120	30.05	49.2	48.2	47	93	.322	53.8	47.8	S	5			0	10 Lt.	St. Fog	S S	Cloudy		A.S.B.	27
28	67.5	28.877	-.111	28.766	29.68	57.8	54.7	53	82	.402	58.9	56.5	SE	[illegible]			.02	10	St. Cu	SW	Cloudy		A.S.B.	28
29	64.5	28.795	-.103	28.692	29.61	52.6	46.5	40	63	.247	53.0	46.2	S	18			0	8	St. Cu	SW	Cloudy		A.S.B.	29
30	63.5	29.047	-.101	28.946	29.88	44.7	42.2	40	82	.247	50.0	42.8	W	8			0	10	St. Cu	W	Cloudy		A.S.B.	30
31																								31
Sums	(a)	(a)		872.860	900.94	1235.7	1142.1	1009	2236	6.156	(a)	(a)	(a)	372	(a)	(a)	0.92	184	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.095	30.031	41.3	38.1	33.6	74.5	.205	(a)	(a)	(c) NE	10.7	(a)	(a)	(a)	6.1	(c) St. Cu. St.	(c) NE SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1918, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.5	28.863	-.113	28.750	29.66	55.6	51.9	43	78	.347	61.0	53.3	S	10	27	SW	T	7	St.Cu	W	Pt. Cloudy			P.M.C.	1
2	70.0	29.023	-.118	28.905	29.82	54.2	51.2	49	82	.347	73.9	51.0	NE	14			.02	10	Nb	NE	Lt. Rain	B.I.N.A. E 7:35a		P.M.C.	2
3	71.5	29.255	-.122	29.133	30.07	42.8	38.8	34	70	.195	46.6	35.2	E	4			.01	0	0	0	Clear			P.M.C.	3
4	74.5	29.518	-.131	29.387	30.35	40.5	33.0	21	42	.108	44.0	32.4	NE	8			0	0	0	0	Clear			P.M.C.	4
5	72.5	29.486	-.126	29.360	30.31	45.3	37.3	26	45	.136	51.0	31.0	E	8			0	1	A St.	NW	Clear			P.M.C.	5
6	68.0	29.140	-.113	29.027	29.97	57.0	48.0	39	51	.237	63.3	35.1	S	20			T	10	Nb.	S	Lt. Rain			P.M.C.	6
7	65.0	29.364	-.105	29.259	30.20	53.1	45.0	36	52	.211	60.0	45.2	W	8	25	SW	0	3	St.	W	Clear			A.S.B.	7
8	68.0	29.667	-.115	29.552	30.51	31.0	27.6	21	64	.108	38.3	31.0	N	13			0	10	St.	N	Cloudy			P.M.C.	8
9	70.0	29.658	-.120	29.538	30.50	36.4	28.2	11	30	.066	43.6	27.4	NE	19	30	NE	0	Few	St.	NE	Clear			P.M.C.	9
10	68.0	29.372	-.113	29.259	30.22	33.6	33.1	33	95	.157	39.8	26.2	NE	18	33	NE	T	10	Nb	NE	Lt. Snow			P.M.C.	10
11	67.5	29.320	-.112	29.208	30.15	36.2	34.8	33	88	.187	39.0	34.3	NE	10			.05	10	St.	NE	Cloudy	B 7:05a E 12:10p	B 6:40a E 7:05a	P.M.C.	11
12	68.0	29.340	-.113	29.227	30.17	44.6	38.1	30	55	.164	51.8	34.8	E	4			0	3	St.	E	Clear			P.M.C.	12
13	72.5	29.325	-.125	29.200	30.13	59.0	44.0	24	25	.124	63.4	38.0	NE	3			0	0	0	0	Clear			P.M.C.	13
14	68.0	29.291	-.113	29.178	30.11	62.5	45.4	23	21	.118	68.0	43.3	E	3			0	2	St.	E	Clear			A.S.B.	14
15	70.0	29.254	-.119	29.135	30.07	66.0	51.0	36	33	.211	70.6	47.8	SE	4			0	7	St.	[illegible]	Pt. Cloudy			P.M.C.	15
16	73.5	29.026	-.127	28.899	29.81	70.0	60.4	54	58	.417	74.6	56.0	SW	7			T	2	St.Cu	SW	Clear			[illegible]	16
17	72.0	28.792	-.122	28.670	29.58	56.8	52.7	50	76	.360	63.7	51.6	W	16	35	[illegible]	.34	8	St.Cu	W	Cloudy			[illegible]	17
18	71.0	29.264	-.121	29.143	30.08	42.2	39.9	37	83	.219	60.4	42.2	N	9	31	NW	.01	4	St.Cu	N	Pt. Cloudy			P.M.C.	18
19	67.0	29.433	-.111	29.322	30.28	36.0	31.8	26	63	.136	36.4	28.2	NE	16	26	NE	T	9	St.Cu	SW	Cloudy			P.M.C.	19
20	65.0	28.903	-.104	28.799	29.73	45.3	44.3	43	93	.277	47.9	37.2	E	9			.04	10	St.	E	Cloudy			[illegible]	20
21	57.0	28.817	-.083	28.734	29.66	36.0	36.0	36	100	.211	42.3	36.0	SW	14	28	[illegible]	.01	10	Nb	SW	Lt. Rain			A.S.B.	21
22	63.5	28.967	-.101	28.866	29.8[illegible]	58.0	52.0	47	67	.322	64.0	42.4	W	12	30	S	0	10	St.Cu	W	Cloudy			P.M.C.	22
23	66.5	29.126	-.109	29.017	29.9[illegible]	45.[illegible]	[illegible]	[illegible]	47	[illegible]	59.4	43.4	[illegible]	[illegible]	34	SW	.01	5	St.	W	Pt. Cloudy			[illegible]	23
24	7[illegible]	29.382	-.122	29.260	[illegible]	45.0	38.0	29	52	.157	48.6	37.7	NE	8			0	1 1	A St. St.	SW NE	Clear			P.M.C.	24
25	69.0	29.180	-.116	29.064	[illegible]	46.8	41.5	35	64	.203	52.8	[illegible]	E	[illegible]	26	[illegible]	0	10	St.Cu	SW	[illegible]			[illegible]	25
26	69.5	29.160	-.117	29.043	29.98	53.8	52.3	51	91	.373	53.8	41.0	E	6			.10	10	St.	E	Cloudy			[illegible]	26
27	69.5	29.170	-.117	29.053	29.98	58.9	54.7	50	77	.360	60.0	49.2	SE	5			T	10	Nb	SE	Lt. Rain	B.I.N.A. E 8:30a		[illegible]	27
28	66.0	28.949	-.107	28.842	29.75	49.0	44.6	40	72	.247	63.8	49.0	W	20	30	SW	.40	10	St.Cu	W	Cloudy			A.S.B.	28
29	65.5	28.944	-.106	28.838	29.76	50.0	45.0	40	68	.247	62.0	50.0	W	20	49	SW	T	10	St.Cu	W	Cloudy			P.M.C.	29
30	65.5	29.206	-.106	29.100	30.04	42.0	41.0	40	92	.247	48.0	42.0	N	8			.06	10	Nb	N	Lt rain			P.M.C.	30
31																									31
Sums		(a)	(a)	872.768	900.86	1452.6	1281.9	1078	1954	6.725	(a)	(a)	(a)	316	(a)	(a)	1.05	193	(a)	(a)	(a)	3	1	(a)	(a)
Means		(a)	(a)	29.092	30.029	48.4	42.7	35.9	65.1	.224	(a)	(a)	(c) NE	10.5	(a)	(a)	(a)	6.4	(c) Pt.	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1918, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. p.m. to p.m. *‡‡	Snow unmelted. p.m. to p.m. *‡‡	Hail, sleet, and snow on ground at p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	61	52	9	2	56				R	2:40a	5:05a	R	9:40a	10:00a							.13				0	0	0	0	1
2	74	45	29	4	60				R	6:30p	8:00p										.05				0	0	0	0	2
3	47	35	12	19	41				R	H.N.A	6:35a	R	7:50a	9:00a							.01				0	0	0	0	3
4	44	30	14	4	37																0				0	0	0	0	4
5	51	27	24	2	39																0				0	0	0	0	5
6	63	30	33	7	46				R	6:35p	10:10p										.04				0	0	0	0	6
7	60	42	18	5	51																0				0	0	0	0	7
8	42	29	13	15	36																0				0	0	0	0	8
9	44	24	20	2	34																0				0	0	0	0	9
10	40	24	16	2	32				S^m	1:20p	H.N.P.										T				0	T	0	T	10
11	39	33	6	4	36				R	H.N.A	9:45a	R	12:25p	6:12p							.06				0	T	0	0	11
12	52	34	18	7	43																0				0	0	0	0	12
13	63	33	30	5	48																0				0	0	0	0	13
14	68	38	30	5	53																0				0	0	0	0	14
15	71	42	29	3	56				R	11:00p	---										.02				0	0	0	0	15
16	75	54	21	8	64				R	---	H.N.A.	R	6:10a	6:50a	R	6:03p	6:05p				.01				0	0	0		16
17	64	47	17	8	56				R	[illegible]	H.N.	R	[illegible]	[illegible]							.5[illegible]				0	0	0	0	17
18	60	[illegible]	29	10	46				R	1:53p	2:25p										.01				0	0	0	0	18
19	36	27	9	14	32				R	11:50a	11:58a										T				0	0	0	0	19
20	51	32	19	10	42				R	12:19p	4:25p	R	7:50p	---							.26				0	0	0		20
21	[illegible]	[illegible]	16	1	4[illegible]				R	---	H.N.A	R	7:05a	8:15a	R	10:00a	10:20a	R	5:10p	H.N.P.	.06				0	0	0		21
22	64	37	27	7	50																0				0	0	0		22
23	59	37	22	2	48				R	1:52p	2:50p	R	4:10p	4:25p							[illegible]				0	0	0	0	23
24	[illegible]	[illegible]	15	6	42																0				0	0	0		24
25	53	31	22	0	42																0				0	0	0	0	25
26	54	40	14	5	47				R	H.N.A	10:50a	R	11:10a	12:10p							.26				0	0	0		26
27	[illegible]	[illegible]	12	7	54				R	5:56p	7:50p										T				0	0	0		27
28	[illegible]	[illegible]	[illegible]	[illegible]	55				R	H.N.A	5:20a	R	10:50a	2:30p							.42				0	0	0	0	28
29	62	46	16	1	54				R	4:52p	5:20p										T				0	0	0		29
30	48	35	13	12	42				R	10:50a	11:05a	R	12:11p	1:00p	R	1:30p	5:25p	R	6:05p	8:45p	.09				0	0	0	0	30
31																													31
S	1669	1098	571	179	1385		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.00		Total excess or deficiency since January 1,		0	T	(a)	(a)	(a)
M	55.6	36.6	19.0	6.0	46.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

SUMMARY FOR THE MONTH OF APR 1918, 191

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.095	29.092	29.094	29.600	9	28.450	17	1.150	30.031	30.029	30.030	30.56	9	29.36	17	1.20
Corrected mean		29.089						Corrected mean		30.025	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
41.3	48.4	44.8	38.1	42.7	40.4	55.6	36.6	46.1				75	16	24	10	51	33	6	6	11

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
33.6	35.9	34.8	74.5	65.1	69.8	.205	.224	.214	0	0	9	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8810	12.2	NE	49	SW	29	6	15	11	5	6	8	7	2	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1	6.4	6.5	43	6	9	15	0	5	10

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	19,20,25	2,17,18,23	29	0	0	2,11,27	11	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.00	0.57	17th	0			0			4	15	10	4	0	19	1	0	T	0

(w) Maximum precipitation in 5 minutes .05, date 28; 10 minutes .08, date 28; 15 minutes .10, date 28; 30 minutes .14, date 28; 1 hour .25, date 28; 2 hours .31, date 28.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						None														

* The duration is the time precipitation was actually recorded. ⊛ Frosts not recorded before the 16th

Prepared by C. S. Beker, J. M. Donovan, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1918, 191

Number of Station barometer, 656; sum of corrections, [illegible] inch.

Date.	Special Observations. Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
20	11:50 a.m.	[illegible]	[illegible]	29.163	-.106	29.057	[illegible]	44.0	40.2	35	9	72	44.4	NE	14	21	NE	0	10	St. Cu	SE	Cloudy	Rained 9 to 8	[illegible]	20
29	11 a.m.	10 a.m.	665	28.770	-.108	28.662	29.57	60.2	49.7	39	21	46	61.8	SW	38	42	SW	0	6	Cu.	SW	Pt. Cloudy	Ended by Cu.	WSB	29
9th	10:15 a.m.	9:15 a.m.				29.600	30.56	33.0																	9th
17th	12:15 p.m.	11:15 a.m.				28.450	29.36	64.0																	17

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *191*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 AM, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room S 911-917; first observation taken in present office, 7:00 a m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	63.0	29.512	-.10	29.411	30.36		34.9	29	66	.157	42.0	34	N	8			.03	0	0	0	Clear		P.M.C.D.	1
2	67.0	29.566	-.111	29.455	30.40	47.8	41.8	35	60	.253	52	41.0	SW	15			0	1	St	SW	clear		P.M.C.D.	2
3	68.0	29.350	-.113	29.237	30.16	55.0	48.2	41	61	.256	62.0	50.2	SW	12			0	8	a. St.	NW	Cloudy		P.M.C.D.	3
4	70.5	29.200	-.120	29.080	30.00	62.7	52.1	42	62	.266	70.1	58.0	W	14			0	5 2	A. St. St.	NW W	Pt. Cloudy		P.M.C.D.	4
5	73.0	29.206	-.126	29.080	29.99	65.3	56.3	50	57	.360	74.8	59.3	SW	10			0	0	0	0	Clear		P.M.C.D.	5
6	75.5	29.224	-.133	29.091	30.00	66.0	59.7	55	69	.432	75.0	61.8	SW	8				2 1 2	Ci. St. A. St. St.	NW NW W	Pt. Cloudy		P.M.C.D.	6
7	75.5	29.000	-.132	28.868	29.78	66.8	64.3	63	88	.575	72.0	61.6	SW	13	25	W	.36	9	St. Cu	NW	Cloudy		P.M.C.D.	7
8	75.0	29.234	-.132	29.102	30.02	58.4	56.0	55	87	.432	64.0	51.8	W	3			0	0	0	0	Clear		P.M.C.D.	8
9	75.0	29.008	-.131	28.877	29.79	63.0	56.4	52	67	.387	71.6	60.6	S	12			0	10	St.	S	Cloudy		P.M.C.D.	9
10	74.0	28.770	-.127	28.643	29.54	54.0	50.3	48	78	.334	77.1	54.0	W	26	41	W	.47	10	St. Cu	W	Cloudy		P.M.C.D.	10
11	69.0	29.240	-.116	29.124	30.06	41.6	39.1	36	81	.241	45.3	36.8	SE	2			0	10	St.	E	Cloudy		P.M.C.D.	11
12	67.5	28.864	-.110	28.754	29.66	59.6	59.1	59	97	.499	59.6	51.0	S	13			.36	10	Nb	S	Lt. Rain		P.M.C.D.	12
13	65.5	29.146	-.106	29.040	29.97	51.1	47.1	43	75	.277	51.2	45.2	SW	6			0	2	St. Cu	SW	Clear		P.M.C.D.	13
14	66.0	29.421	-.109	29.312	30.25	53.3	48.0	45	73	.298	59.2	48.2	NW	10			0	[illegible]	[illegible]	NW	Clear		P.M.C.D.	14
15	68.0	29.530	-.114	29.416	30.35	55.6	51.2	48	75	.334	64.3	50.0	E	7			0	4	Cu	SW	Pt. Cloudy		P.M.C.D.	15
16	70.0	29.440	-.119	29.321	30.24	65.0	56.4	50	59	.360	70.0	53.4	S	2			0	0	0	0	Clear		P.M.C.D.	16
17	73.5	29.432	-.129	29.303	30.22	69.0	62.0	58	68	.482	75.2	62.0	SW	8			0	5	Cu	SW	Pt. Cloudy		P.M.C.D.	17
18	75.0	29.320	-.132	29.188	30.11	68.5	62.0	58	70	.482	75.4	65.0	S	12			0	[illegible]	St. Cu	S	Cloudy		P.M.C.D.	18
19	76.0	29.209	-.134	29.075	29.99	64.8	62.2	61	87	.536	70.4	61.3	S	12			0	10	St.	SW	Cloudy		P.M.C.D.	19
20	76.0	29.234	-.134	29.100	30.01	62.2	60.0	59	88	.499	73.7	60.0	W	5	25	NW	[illegible]	9	St. Cu	SW	Clear		P.M.C.D.	20
21	74.0	29.450	-.130	29.320	30.25	56.6	53.6	52	83	.387	64.1	52.6	E	13			0	6	a. St.	W	Pt. Cloudy		P.M.C.D.	21
22	74.5	29.332	-.130	29.202	30.12	71.2	64.0	60	68	.517	71.2	66.1	E	4			0	7	St. Cu	SW	Pt. Cloudy		P.M.C.D.	22
23	75.5	29.540	-.134	29.406	30.34	57.8	51.3	46	64	.310	70.6	54.0	N	8			0	0	0	0	Clear		P.M.C.D.	23
24	74.5	29.440	-.131	29.309	30.25	54.2	46.7	39	57	.237	64.1	48.6	E	7			0	2 2	a. St St.	W E	Pt. Cloudy		P.M.C.D.	24
25	73.5	29.200	-.128	29.072	29.98	74.4	69.9	67	80	.66	74.4	68.0	SW	15			T	2 2	a. St. St.	W SW	Pt. Cloudy		P.M.C.D.	25
26	78.5	29.264	-.141	29.123	30.03	74.0	68.0	65	74	.616	80.8	68.9	SW	10			0	2	Ci. St.	NW	Clear		P.M.C.D.	26
27	81.0	29.266	-.148	29.118	30.02	75.0	69.0	66	74	.638	81.0	68.6	SW	11			0	6	Ci. St	W	Pt. Cloudy		P.M.C.D.	27
28	81.0	29.350	-.148	29.202	30.12	69.0	64.2	61	78	.536	75.9	64.0	N	2			0	9	a. St	W	Cloudy		P.M.C.D.	28
29	75.0	29.384	-.140	29.244	30.17	62.0	60.0	60	93	.517	67.0	60.6	E	6			.09	10	St.	E	Cloudy		P.M.C.D.	29
30	77.5	29.306	-.138	29.168	30.09	70.0	68.0	67	90	.661	70.0	65.8	S	3			T	10	Nb	S	Lt. Rain		P.M.C.D.	30
31	79.0	29.202	-.142	29.060	29.97	75.9	71.4	70	80	.732	78.4	69.0	SW	7			0	2	a. St.	W	Clear		P.M.C.D.	31
Sums		(a)	(a)	903.701	932.24	1909.0	1754.8	1640	2309	13.192	(a)	(a)	(a)	278	(a)	(a)	1.47	170	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.152	30.072	61.6	56.6	52.9	74.5	.426	(a)	(a)	(c) SW	9.0	(a)	(a)	(a)	5.5	(a) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M: 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:17 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.5	29.543	.121	29.422	30.37	52.8	42.3	29	40	.157	56.0	39.2	SW	5			0	0	0	0	Clear			A.S.B.	1
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.0	[illegible]	43	49	.277	[illegible]	47.8	SW	[illegible]	[illegible]	[illegible]	0	0	0	0	Clear			A.S.B.	2
3	[illegible]	29.1[illegible]	[illegible]	29.0[illegible]	[illegible]	[illegible]	[illegible]	44	39	[illegible]	79.5	55.0	SW	[illegible]	33	SW	0	4	A St.	W	Pt. Cloudy			A.S.B.	3
4	[illegible]	29.146	.129	29.019	[illegible]	[illegible]	59.8	50	41	[illegible]	82.7	62.7	SW	11	[illegible]	[illegible]	0	0	0	0	Clear			A.S.B.	4
5	77.5	29.200	.138	29.062	[illegible]	75.0	62.0	54	48	.417	82.4	65.3	SW	7			0	10	St.	SW	Cloudy			P.M.S.	5
6	77.5	29.002	.137	28.865	[illegible]	[illegible]	58.9	50	41	.360	78.9	66.0	S	11	28		0	2 6	a St. St.	W SW	Cloudy			A.S.B.	6
7	76.0	29.061	.133	28.928	[illegible]	[illegible]	[illegible]	57	77	.465	78.5	[illegible]	NW	[illegible]	32	W	0	1 7	ci St St	NW W	Cloudy			A.S.B.	7
8	76.0	29.155	.134	[illegible]	29.94	71.6	57.0	45	39	.298	77.5	58.4	SE	6			0	4	A St	W		B 5:25a	B. D.N.A.		8
9	77.0	28.712	.135	28.577	29.48	77.1	69.6	66	69	.638	[illegible]	63.[illegible]	S	[illegible]	31	SW	0	6 6 1	St St.Cu St.	SW SW SW	Cloudy Pt. Cloudy	E 6:10a	E 5:25a	A.S.B.	9
10	72.5	29.196	.125	29.071	[illegible]	45.[illegible]	39.7	32	61	[illegible]	54	[illegible]	NW	7			0	0	0	0	Clear			A.S.B.	10
11	68.0	29.077	.112	28.965	29.90	53.0	50.8	49	87	[illegible]	55	[illegible]	E	5			0	10	St.	SE	Cloudy			A.S.B.	11
12	67.5	28.865	[illegible]	28.755	[illegible]	51.2	[illegible]	50	97	[illegible]	65	5[illegible]	N	[illegible]			.34	10	St.Cu	N	Cloudy			P.M.S.	12
13	67.5	29.216	.112	29.104	30.03	59.2	50.7	43	55	.277	64.2	57.1	W	5			0	9	St.Cu	W	Cloudy			A.S.B.	13
14	70.0	29.461	[illegible]	29.345	[illegible]	64.3	57.[illegible]	40	41	[illegible]	69.6	53.[illegible]	NE	[illegible]			0	0	0	0	Clear			A.S.B.	14
15	71.0	29.393	.122	29.271	[illegible]	70.0	58.1	49	48	.347	76.3	55.6	S	7			[illegible]	1	St.	S	Clear			A.S.B.	15
16	74.0	29.355	.129	29.226	30.15	75.2	61.2	52	44	.387	81.4	65.0	S	6			0	2	Ci St	W	Clear			A.S.B.	16
17	[illegible]	29.345	.137	29.208	30.13	75.4	63.3	56	51	[illegible]	83.1	69.0	S	[illegible]			0	2 5	a.Cu a St.	W W	Pt. Cloudy			A.S.B.	17
18	78.0	29.232	.139	29.093	30.00	70.4	65.4	62	77	.555	78.0	68.5	SW	[illegible]			T	3 4	a St St	W SW	Pt. Cloudy			A.S.B.	18
19	78.5	29.060	.140	28.920	29.83	73.7	67.2	64	72	.595	79.4	64.8	S	15			.09	3 5	a St St	NW S	Cloudy			P.M.S.	19
20	76.0	29.371	.134	29.237	[illegible]	64.1	53.1	44	48	.287	72.6	62.2	N	3			0	3 5	a St. St.	NW N	Cloudy			A.S.B.	20
21	[illegible]	29.290	.132	29.158	[illegible]	70.5	65.4	62	77	.555	75.0	54.6	SE	[illegible]			0	2	a St	SW	Clear			A.S.B.	21
22	[illegible]	29.352	[illegible]	29.212	30.13	70.6	64.6	62	73	[illegible]	82.8	71.2	NW	[illegible]			T	9 8	St.Cu a St	NW W	Cloudy			A.S.B.	22
23	77.0	29.510	.138	29.372	30.30	64.1	53.0	44	47	.287	69.5	57.8	E	6			0	2	St.	NE	Cloudy			A.S.B.	23
24	[illegible]	29.22[illegible]	.129	29.0[illegible]	[illegible]	71.0	68.2	67	86	.661	73.0	54.2	SW	5			.18	4 4	St.Cu St.	SW SW	Cloudy			A.S.B.	24
25	80.0	29.190	.145	29.045	29.93	80.8	72.8	70	68	.732	87.8	74.4	SW	7	26	SW	0	2 4	ci.Cu St.	W SW	Pt. Cloudy			A.S.B.	25
26	84.0	29.216	.155	29.061	29.96	81.0	69.0	63	54	.575	87.0	74.0	SW	[illegible]	29	[illegible]	0	1 1	Ci St Cu	NW SW	Clear			P.M.S.	26
27	83.0	29.191	.152	29.039	29.94	75.9	67.9	64	67	.594	86.6	75.0	SW	10	29	N	T	1 2	Ci.Cu St.	NW SW	Clear			A.S.B.	27
28	81.5	29.358	.149	29.209	30.13	67.0	66.5	66	97	.638	83.0	67.0	NE	12			.18	10	Na	SW	Lt. Rain			A.S.B.	28
29	78.5	29.300	.141	29.159	30.08	66.5	65.0	64	92	.595	77.8	61.2	E	3	21	SW	.51	9	St.Cu.	NW	Cloudy			W.A.B.	29
30	82.0	29.204	.150	29.054	29.96	78.4	71.6	69	72	.707	83.0	70.0	W	3			T	4	Ci.St	NW	Pt. Cloudy			C.R.C.	30
31	85.0	29.082	.157	28.925	29.81	82.0	72.2	68	63	.684	89.3	75.9	S	9			0	1 4	St. Cu.	W SW	Pt. Cloudy Pt. Cloudy			A.S.B.	31
Sums		(a)	(a)	901.761	930.17	2179.0	1864.7	1678	1925	13873	(a)	(a)	(a)	274	(a)	(a)	1.30	180	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.089	30.005	68.7	60.2	54.1	62.1	.448	(a)	(a)	(c) SW	8.8	(a)	(a)	(a)	58	(c) St.	(c) SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	56	35	21	4	46																0				0	0	0	0	1
2	69	41	28	9	55																0				0	0	0	0	2
3	80	50	30	10	65																0				0	0	0	0	3
4	83	58	25	5	70																0				0	0	0	0	4
5	82	59	23	0	70																0				0	0	0	0	5
6	79	62	17	0	70				R	7:40p	---										.34				0	0	0	0	6
7	78	59	19	2	68				R	---	D.N.A	R	5:35a	6:15a							.02				0	0	0	0	7
8	78	52	26	3	65																0				0	0	0	0	8
9	80	60	20	5	70																0				0	0	0	0	9
10	66	40	26	17	53				R	12:22a	4:30a										.47				0	0	0	0	10
11	56	37	19	7	46				R	8:35p	---										.02				0	0	0	0	11
12	65	48	17	10	56				R	---	8:15a	R	9:45a	10:45a	R	12:30p	3:05p	R	4:35p	6:20p	.68				0	0	0	0	12
13	64	45	19	2	54																0				0	0	0	0	13
14	70	48	22	5	59																0				0	0	0	0	14
15	76	50	26	4	63																0				0	0	0	0	15
16	81	53	28	4	67																0				0	0	0	0	16
17	83	62	21	5	72																0				0	0	0	0	17
18	78	63	15	2	70				R	7:25a	7:32a										T				0	0	0	0	18
19	79	60	19	0	70				R	3:25p	3:40p	R	10:35p	---							.24				0	0	0	0	19
20	73	56	17	6	64				R	---	D.N.A.										.01				0	0	0	0	20
21	75	53	22	0	64																0				0	0	0	0	21
22	83	63	20	9	73				R	2:45p	3:50p										T				0	0	0	0	22
23	70	54	16	11	62																0				0	0	0	0	23
24	73	49	24	1	61				R	11:40a	2:30p										.18				0	0	0	0	24
25	88	69	19	17	78				R	D.N.A	D.N.A										T				0	0	0	0	25
26	87	69	18	0	78																0				0	0	0	0	26
27	87	68	19	0	78				R	11:10a	11:12a										T				0	0	0	0	27
28	83	64	19	4	74				R	3:45p	4:50p	R	5:40p	---							.24				0	0	0	0	28
29	78	61	17	4	70				R	---	D.N.A	R	11:38a	12:16p	R	4:50p	5:25p	R	5:43p	6:30p	.54				0	0	0	0	29
30	83	66	17	4	74				R	6:20a	7:15a	R	7:50a	8:10a							T				0	0	0	0	30
31	89	69	20	5	79																0				0	0	0	0	31
S	2372	1723	649	155	2044		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.74		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	76.5	55.6	20.9	5.0	65.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF May, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.152	29.089	29.120	29.~~570~~ 460	1	28.400	10	1.~~110~~ 060
Corrected mean		29.115					

REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.072	30.005	30.038	30.~~45~~ 41	1	29.30	10	1.~~15~~ 11
Corrected mean		30.033	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
61.6	68.7	65.2	56.6	60.2	58.4	76.5	55.6	66.0				89	31	35	1	54	30	3	15	18

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
52.9	54.1	53.5	74.5	62.1	68.3	.426	.448	.437	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7800	10.5	SW	41	W	10	5	2	8	~~2~~ 3	13	21	~~7~~ 6	4	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.5	5.8	5.3	62	11	11	9	0	3	7

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
11	0	0	10, 19, 20, 22, 24, 28, 29	10	0	0	8	8	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.74	0.70	11-12	0			0			5	10	7	4	0	15	0	0	0	0

(w) Maximum precipitation in 5 minutes .16, date 10; 10 minutes .23, date 10; 15 minutes .28, date 29; 30 minutes .33, date 29; 1 hour .33, date 29; 2 hours .33, date 29.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None													

* The duration is the time precipitation was actually recorded.

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Prepared by W. S. Baker, C. M. Konrad, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 191

Number of Station barometer, 606; sum of corrections, ... inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	1:00 pm	12:00 m				29.460 ~~.410~~	30.41 ~~.45~~	49.0																	1
10	4:15 a.m	3:15 a.m				28.400	29.30	66.0																	10

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, 1918

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, 10610 from 10 am June 14th to 6.30 pm June 21st; 13802 from 6.30 p.m. June 21st

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	81.0	29.082	-.146	28.936	29.83	77.1	68.9	65	66	.616	82.0	73.0	SW	16			0	1	a. St	SW	Clear		A.S.B.	1
2	79.5	29.306	-.144	29.162	30.08	67.0	63.4	62	82	.555	74.4	65.0	SW	6			0	5 4	a St. St	W SW	Cloudy		A.S.B.	2
3	79.0	29.452	-.143	29.309	30.23	68.2	60.2	55	63	.432	74	62.8	NE	4			0	2	Ci. St.	NW	Clear		A.S.B.	3
4	78.5	29.360	-.141	29.219	30.13	70.8	63.8	60	69	.517	78.0	65.2	SW	9			0	5	Ci. St.	W	Pt. Cloudy		A.S.B.	4
5	79.5	29.400	-.144	29.256	30.18	64.0	59.8	58	78	.482	77.4	60.6	NE	10			0	2	Ci. St.	NW	Clear		A.S.B.	5
6	78.0	29.162	-.139	29.023	29.93	68.4	66.2	65	89	.616	72.0	63.8	S	10			.25	9 1	St. Cu a. St	SW W	Cloudy		A.S.B.	6
7	76.5	29.310	-.136	29.174	30.09	62.8	56.1	51	66	.373	65.4	60.0	N	10			T	1	Cu	NE	Clear		A.S.B.	7
8	73.5	29.442	-.129	29.313	30.24	59.1	49.0	39	48	.237	59.1	49.2	SE	4			0	2 3	Ci. St. Ci. St.	NW NW	Clear		A.S.B.	8
9	73.0	29.283	-.126	29.157	30.08	64.0	55.7	49	59	.347	70.0	55.8	SW	7			0	1 10	Ci. Cu St	NW NE	Pt. Cloudy		A.S.B.	9
10	75.0	29.255	-.132	29.123	30.03	62.3	61.0	60	93	.517	74.4	61.7	NE	5			0	Lt	Fog	NE	Cloudy		A.S.B.	10
11	74.5	29.173	-.130	29.043	29.96	62.2	57.6	55	76	.432	68.0	56.8	SE	7			0	5	a. St.	SW	Pt. Cloudy		A.S.B.	11
12	76.0	28.963	.133	28.830	29.72	65.0	56.8	51	61	.373	83.0	62.2	NW	15			T	1	Cu	W	Clear		A.S.B.	12
13	72.0	29.223	-.124	29.099	30.03	54.2	51.0	49	81	.347	60.3	46.8	NW	7			0	0	0	0	Clear		A.S.B.	13
14	73.0	29.100	.125	28.975	29.90	63.8	59.3	57	77	.465	70.4	59.4	SW	5			0	7	St. Cu	SW	Pt. Cloudy		A.S.B.	14
15	76.0	29.363	-.134	29.229	30.15	61.3	54.2	49	63	.347	73.5	52.9	E	6			0	2	Ci. St.	W	Clear		A.S.B.	15
16	76.0	29.355	.134	29.221	30.14	65.0	64.1	63	95	.575	75.0	62.2	S	5			T	10	St. Cu	SW	Cloudy		A.S.B.	16
17	80.0	29.294	-.145	29.149	30.05	73.7	66.5	63	69	.575	88.0	71.3	NE	10			0	[illegible]	Ci. St	NW	Clear		A.S.B.	17
18	79.0	29.374	-.142	29.232	30.15	61.3	52.0	44	53	.287	74.0	55.2	NE	8			0	10	St. Cu	NE	Cloudy		A.S.B.	18
19	76.0	29.366	-.134	29.232	30.15	59.0	48.9	39	47	.237	70.2	52.3	NE	12			0	4 2	Ci. St a. St.	W W	Pt. Cloudy		A.S.B.	19
20	73.0	29.331	.126	29.205	30.12	57.0	49.7	44	61	.298	69.0	52.8	E	5			0	4 5 2	a St St. Cu a Cu	W E W	Cloudy		A.S.B.	20
21	76.0	28.968	.133	28.835	29.74	63.8	57.3	53	68	.402	76.0	58.0	SW	4			0	6	St Cu	W	Cloudy		A.S.B.	21
22	74.5	29.127	-.130	28.997	29.92	51.6	46.0	40	65	.247	68.0	51.0	NW	18	25	NW	0	10	St. Cu	NW	Cloudy		A.S.B.	22
23	71.5	29.260	-.122	29.138	30.07	52.0	44.2	35	53	.203	59.0	40.8	NE	3			0	0	0	0	Clear		A.S.B.	23
24	72.5	29.154	-.125	29.029	29.95	62.6	51.2	41	45	.256	70.7	55.8	S	7			0	2 6	a Cu St Cu	W W	Cloudy		A.S.B.	24
25	74.0	28.960	-.128	28.832	29.73	62.0	59.7	58	88	.482	72.0	62.0	SE	8			0	10 2	St. Cu a Cu	SE W	Cloudy		A.S.B.	25
26	73.5	29.056	-.127	28.929	29.84	62.3	59.0	57	82	.465	71.4	58.1	NE	3			0	1	St.	NE	Clear		A.S.B.	26
27	76.0	29.060	-.133	28.927	29.83	69.2	64.6	62	79	.555	79.8	63.2	S	7			0	0	0	0	Clear		A.S.B.	27
28	77.0	29.041	-.136	28.905	29.81	65.0	62.3	61	86	.536	69.0	62.0	SW	5	27	S	1.31	10	St Cu	SW	Cloudy		A.S.B.	28
29	77.0	29.140	-.137	29.003	29.91	69.1	65.6	64	83	.595	75.0	63.8	SW	9			0	3 1 3	Ci. St. a. St a Cu	W W SW	Pt. Cloudy		A.S.B.	29
30	79	29.101	-.141	28.960	29.86	72.4	69.0	68	84	.684	80.6	71.2	S	6			0	3	St	SW	Pt. Cloudy		A.S.B.	30
31																								31
Sums		(a)	(a)	872.442	899.85	1947.0	1744.1	1618	2129	13.053	(a)	(a)	(a)	234	(a)	(a)	1.56	156	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.081	29.995	63.9	58.1	53.9	71.0	.435	(a)	(a)	(c) NE SW	7.8	(a)	(a)	(a)	5.2	(c) St Cu.	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:00 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	83.0	29.206	-.152	29.054	29.96	74.4	65.0	60	61	.517	85.3	74.4	SW	9	32	SW	0	4	St.Cu	SW	Pt. Cloudy			P.M.C.	1
2	81.0	29.320	-.148	29.172	30.09	74.2	65.0	60	61	.517	80.5	67.0	NW	4			T	2	Ci.St.	NW	Clear			A.S.B.	2
3	82.0	29.31[illegible]	-.150	29.166	30.08	78.0	67.8	63	59	.575	83.6	68.2	[illegible]	0			[illegible]	6	St.Cu	NW	Pt. Cloudy			P.M.C.	3
4	82.5	29.336	-.152	29.184	30.09	77.4	66.8	61	58	.536	83.4	70.8	N	5			0	1	St.	N	Clear			P.M.C.	4
5	81.5	29.308	-.149	29.159	30.08	72.0	65.2	61	70	.536	81.3	64.0	NE	12			0	4 / 6	a.St / Cu	NW / W	Clear / Cloudy			P.M.C.	5
6	79.0	29.122	-.141	28.98[illegible]	29.90	65.4	64.9	64	97	.595	81.0	63.4	S	[illegible]	38	NW	.48	10	Nb	SW	Lt. Rain			P.M.C.	6
7	76.0	29.380	-.135	29.245	30.17	59.0	49.5	40	50	.247	68.8	59.0	NW	8			0	5	a.St	W	Pt. Cloudy			P.M.C.	7
8	75.5	29.274	-.133	29.141	30.06	70.0	60.0	53	56	.402	75.0	59.1	SW	5			0	1	a.St	W	Clear			P.M.C.	8
9	75.5	29.216	-.133	29.083	29.99	74.4	62.4	55	51	.432	81.0	64.0	[illegible]	[illegible]			0	7 / 1	a.St / St.Cu	W / SW	Cloudy			A.S.B.	9
10	77.[illegible]	29.240	-.137	29.103	30.[illegible]2	68.0	64.0	62	81	.555	75.4	62.3	E	9			0	4	St.Cu	NE	Pt. Cloudy	36:45a E1010:[illegible]		P.M.C.	10
11	81.[illegible]	28.856	-.145	28.711	29.60	83.0	73.6	70	64	.732	87.8	62.2	SW	16	27	SW	0	1	St	W	Clear			P.M.C.	11
12	76.0	29.136	-.134	29.002	29.92	60.3	52.3	45	58	.298	66.7	60.3	N	9	28	NW	0	9	St.Cu	N	Cloudy			P.M.C.	12
13	75.0	29.122	-.131	28.991	29.91	70.4	61.8	57	62	.465	75.2	54.2	SW	6			0	8	St.Cu	SW	Cloudy			P.M.C.	13
14	78.0	29.180	-.139	29.041	29.95	73.5	60.0	51	45	.373	80.0	63.8	NE	9			0	7 / 1	St.	NE	Clear			P.M.C.	14
15	78.[illegible]	29.300	-.141	29.159	30.08	75.0	63.0	56	51	.4[illegible]	80.4	61.3	SE	[illegible]			0	7 / 1	a.St	NW	Clear			P.M.C.	15
16	80.5	29.194	-.146	29.048	29.96	88.0	75.0	70	55	.732	94.0	65.0	S	8			0	2 / 2	Ci.Cu / St.	W / SW	Pt. Cloudy			A.S.B.	16
17	82.5	29.312	-.152	29.160	30.07	74.0	60.4	52	45	.387	83.0	73.7	NE	13			0	2	Ci.St	W	Clear			P.M.C.	17
18	79.0	29.310	-.142	29.168	30.09	70.2	57.0	47	43	.322	75.6	61.3	NE	[illegible]			[illegible]	7 / 1	a.St / St.	W / NE	Clear			P.M.C.	18
19	78.[illegible]	29.[illegible]	[illegible]	29.18[illegible]	30.[illegible]	69.[illegible]	5[illegible]	[illegible]	[illegible]	.2[illegible]	77.3	5[illegible]	[illegible]	[illegible]				4 / 2	a.Cu / St.	W / [illegible]	Pt. Cloudy			P.M.C.	19
20	77.0	29.122	-.136	28.986	29.91	76.0	60.0	49	38	.347	79.0	57.8	[illegible]	[illegible]			0	0	0	0	Clear			P.M.C.	20
21	78.5	28.940	-.140	28.800	29.70	68.0	57.2	49	52	.347	81.4	63.8	NW	14	26	NW	0	1	St.	W	Clear			P.M.C.	21
22	77.0	29.182	-.137	29.045	29.97	59.0	49.0	39	48	.2[illegible]	68.0	51.6	NW	12			0	0	0	0	Clear			P.M.C.	22
23	75.0	29.166	-.132	29.034	29.95	70.7	52.0	33	25	.187	73.8	52.0	NW	5			0	1	a.St.	W	Clear			A.S.B.	23
24	7[illegible]	29.080	-.129	28.951	29.86	72.0	57.0	45	39	.2[illegible]	5[illegible]	62.6	S	3			T	10	St.	SW	Cloudy			P.M.C.	24
25	75.0	29.016	-.131	28.885	29.79	71.4	62.9	58	62	.482	73.4	61.4	NE	7			0	10	St.	NE	Cloudy			P.M.C.	25
26	76.5	29.025	-.134	28.891	29.80	79.8	68.3	63	56	.575	85.0	62.3	SE	[illegible]			0	1 / 3	a.St / Cu	W / W	Pt. Cloudy			P.M.C.	26
27	79.5	29.040	-.142	28.898	29.81	66.6	66.1	66	97	.638	89.0	65.4	SW	[illegible]	31	[illegible]	T3	[illegible]	[illegible]	[illegible]	Lt. Rain			P.M.C.	27
28	79.0	29.[illegible]	[illegible]	28.8[illegible]	29.[illegible]	75.0	6[illegible]	67	77	.60[illegible]	81.2	6[illegible]	SW				0	10	St.	SW	Cloudy			P.M.C.	28
29	80.0	29.164	-.145	29.019	29.92	80.6	72.0	68	66	.684	82.4	69.1	SE	2			0	1	St.	SE	Clear			P.M.C.	29
30	77.0	29.070	-.136	28.934	29.84	62.8	57.3	54	72	.447	78.0	58.2	NW	16	28	NW	.29	8	Cu	NW	Cloudy			A.S.B.	30
31																									31
Sums	(a)	(a)	(a)	871.074	898.46	2158.9	1859.0	1658	1732	13789	(a)	(a)	(a)	218	(a)	(a)	1.50	139	(a)	(a)	(a)	1	0	(a)	(a)
Means	(a)	(a)	(a)	29.036	29.949	72.0	62.0	55.3	57.7	.460	(a)	(a)	(c) SW	7.3	(a)	(a)	(a)	4.6	(e) St	(e) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1916

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	85	67	18	3	76																0				0	0	0	0	1
2	80	65	15	4	72				R	9:10a	9:15a										T				0	0	0	0	2
3	84	61	23	0	72																0				0	0	0	0	3
4	83	65	18	2	74																0				0	0	0	0	4
5	81	61	20	3	71				R	7:30p	9:30p										.06				0	0	0	0	5
6	81	63	18	1	72				R	I.N.A	I.N.A	R	4:38p	7:55p							.67				0	0	0	0	6
7	69	52	17	12	60																0				0	0	0	0	7
8	75	49	26	2	62																0				0	0	0	0	8
9	81	56	25	6	68																0				0	0	0	0	9
10	75	60	15	0	68																0				0	0	0	0	10
11	88	57	31	4	72				R	8:25p	8:30p										T				0	0	0	0	11
12	71	51	20	11	61																0				0	0	0	0	12
13	75	47	28	0	61																0				0	0	0	0	13
14	80	59	21	9	70																0				0	0	0	0	14
15	80	53	27	4	66																0				0	0	0	0	15
16	94	62	32	12	78				R	6:20a	6:55a										T				0	0	0	0	16
17	83	58	25	8	70																0				0	0	0	0	17
18	76	55	21	4	66																0				0	0	0	0	18
19	77	52	25	2	64																0				0	0	0	0	19
20	79	53	26	2	66																0				0	0	0	0	20
21	81	58	23	4	70																0				0	0	0	0	21
22	68	46	22	13	57																0				0	0	0	0	22
23	74	41	33	1	58																0				0	0	0	0	23
24	80	56	24	10	68				R	5:20p	5:28p										T				0	0	0	0	24
25	73	61	12	1	67																0				0	0	0	0	25
26	85	58	27	5	72																0				0	0	0	0	26
27	89	62	27	4	76				R	2:20p	2:25p	R	5:30p	7:40p	R	10:15p	---				1.23				0	0	0	0	27
28	81	62	19	4	72				R	---	I.N.A										.81				0	0	0	0	28
29	82	64	18	1	73																0				0	0	0	0	29
30	78	57	21	5	68				R	11:16a	12:25p	R	1:20p	3:00p							.29				0	0	0		30
31																													31
S	2388	1711	677	137	2050		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.06		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	79.6	57.0	22.6	4.6	68.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.081	29.036	29.058	29.313	8	28.680	11	.633	29.995	29.949	29.972	30.24	8	29.57	11	.67
Corrected mean		29.054						Corrected mean		29.968	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
63.9	72.0	68.0	58.1	62.0	60.0	79.6	57.0	68.3				94	16	41	23	53	33	23	12	25

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
53.9	55.3	54.6	71.0	57.7	64.4	.435	.460	.448	0	1	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5968	8.3	SW	38	NW	6	3	13	5	6	8	15	0	9	1

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.2	4.6	5.3	61	7	16	7	0	2	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	23	0	5, 6, 27, 28, 30	0	0	0	10	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.06	2.04	27-28	None			~~1.02~~ 1.01	0: ~~16~~ 15	27-28"	4	5	5	4	1	9	0	0	0	0

(w) Maximum precipitation in 5 minutes .44, date 27; 10 minutes .81, date 27-28; 15 minutes 1.01, date 27-28; 30 minutes 1.07, date 27-28; 1 hour 1.15, date 27-28; 2 hours 1.27, date 27-28.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
27"	5:30 p.m.	7:40 p.m.	0.74	~~5:44~~ 5:40 p.m.	6:10 p.m.	.01	.09	.21	.30	.41	.58	.67								
27-28"	10:15 p.m.	D.N.A.	1.30	11:55 p.m.	12:10 a.m.	.12	.37	.81	1.01	1.04										

* The duration is the time precipitation was actually recorded.

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Prepared by C. A. Bolen, O. M. Donovan, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1918

Number of Station barometer, 656; sum of corrections, [illegible] inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	90 P.M.	80 P.M.				28.680	29.57	81.0																	11

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, *191*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 29 1911 June, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, rooms 911-912; first observation taken in present office, 7:00 a ~~m.~~ May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. Gr. MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:14 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.5	29.180	-.128	29.052	29.97	56.0	53.2	51	83	.373	62.8	52.5	W	15			0	8	Cu	NW	Cloudy		P.M.S.	1
2	71.5	29.314	-.122	29.192	30.11	59.0	52.0	46	63	.310	61.2	51.0	S	11			0	1	a St	NW	Clear		P.M.S.	2
3	73.0	29.278	-.126	29.152	30.06	68.6	64.0	61	78	.536	74.8	63.0	SW	6			0	0	0	0	Clear		P.M.S.	3
4	77.5	29.464	-.139	29.325	30.24	72.4	68.4	66	82	.638	80.5	64.6	S	3			0	8	a St.	NW	Cloudy		P.M.S.	4
5	79.5	29.380	-.144	29.236	30.14	73.5	65.4	61	65	.536	84.0	68.9	SW	8			0	4	a St	NW	Pt. Cloudy		P.M.S.	5
6	77.0	29.310	-.137	29.173	30.09	70.0	64.0	61	72	.536	71.3	63.1	NW	6			0	1	a St.	W	Clear		P.M.S.	6
7	78.5	29.350	-.141	29.209	30.13	55.0	52.0	50	82	.360	73.0	55.0	E	3			.04	10	Nb	NE	Lt. Rain		P.M.S.	7
8	75.0	29.326	-.132	29.194	30.11	54.7	49.2	44	68	.287	68.0	51.8	E	8			0	5	Ci. Cu	NW	Pt. Cloudy		P.M.S.	8
9	74.5	29.243	-.130	29.113	30.03	60.0	53.3	48	64	.334	66.5	50.4	W	6			0	0	0	0	Clear		P.M.S.	9
10	72.5	29.220	-.125	29.095	30.02	60.0	55.2	51	74	.373	65.3	54.6	NW	7			0	Few	St.	NW	Clear		P.M.S.	10
11	73.5	29.354	-.128	29.226	30.15	61.0	55.2	51	69	.373	69.5	54.0	NW	2			0	3	St Cu	NW	Clear		P.M.S.	11
12	72.5	29.400	-.126	29.274	30.20	60.2	55.8	52	76	.387	62.8	52.0	N	5			0	0	0	0	Clear		P.M.S.	12
13	74.0	29.416	-.130	29.286	30.21	64.0	58.0	54	70	.417	72.4	56.1	NE	6			0	1	Ci. St.	NW	Clear		P.M.S.	13
14	75.0	29.392	-.133	29.259	30.18	66.5	59.5	55	66	.432	75.3	60.3	NE	3			0	1	Ci. St	W	Clear		P.M.S.	14
15	77.5	29.350	-.138	29.212	30.12	71.9	59.9	52	49	.387	81.0	61.0	S	4			0	7	a St	W	Pt. Cloudy		P.M.S.	15
16	80.0	29.270	-.145	29.125	30.03	65.3	64.2	63	94	.575	77.0	64.8	SE	3			.13	10	Nb	SW	Lt. Rain		P.M.S.	16
17	76.5	29.194	-.135	29.059	29.98	66.8	64.4	65	88	.616	66.8	63.0	N	4			0	10	St.	N	Cloudy		P.M.S.	17
18	77.0	29.170	-.137	29.033	29.95	57.4	54.9	53	85	.402	73.0	55.0	NW	4			0	4 4	a St St Cu	W NW	Cloudy		P.M.S.	18
19	76.5	29.196	-.135	29.061	29.97	66.0	61.2	58	77	.482	76.0	60.4	NE	5			0	0	0	0	Clear		P.M.S.	19
20	78.0	29.346	-.140	29.206	30.12	70.0	60.0	53	56	.402	82.0	65.0	SW	6			0	1	a St	W	Clear		P.M.S.	20
21	81.5	29.392	-.150	29.242	30.15	71.7	62.0	56	58	.448	82.5	66.8	S	1			0	0	0	0	Clear		P.M.S.	21
22	83.0	29.400	-.153	29.247	30.15	73.1	70.1	69	86	.707	85.2	72.0	SW	7			.02	10	Nb	SW	Lt. Rain		P.M.S.	22
23	82.0	29.362	-.150	29.212	30.12	73.3	69.9	68	84	.684	79.2	68.2	S	2			0	0	0	0	Clear		P.M.S.	23
24	83.0	29.300	-.153	29.147	30.06	72.4	67.0	65	76	.616	79.6	68.8	S	3			.06	2 2	Ci. Cu St	W S	Pt. Cloudy		P.M.S.	24
25	85.0	29.264	-.158	29.106	30.01	75.0	70.0	68	78	.684	85.0	73.0	SW	5			0	4	Cu	SW	Pt. Cloudy		P.M.S.	25
26	85.0	29.276	-.158	29.118	30.03	74.6	70.6	69	82	.707	79.2	71.9	S	7			.01	8	St. Cu	S	Cloudy		P.M.S.	26
27	85.0	29.362	-.158	29.204	30.11	72.8	69.3	68	84	.684	78.0	69.6	S	4				10	St.	SW	Cloudy		P.M.S.	27
28	83.5	29.332	-.154	29.178	30.08	73.9	69.1	67	79	.661	82.4	69.8	NE	8			0	0	0	0	Clear		P.M.S.	28
29	82.0	29.180	-.152	29.028	29.93	70.0	67.4	66	88	.638	77.0	66.0	S	5			0	3 1	Ci. Cu St	W S	Pt. Cloudy		P.M.S.	29
30	80.5	29.334	-.146	29.188	30.11	53.3	50.3	48	82	.334	73.0	52.8	N	13			0	10	St.	N	Cloudy		P.M.S.	30
31	76.5	29.324	-.136	29.188	30.11	53.0	49.0	45	75	.298	64.8	49.9	NE	8			0	0	0	0	Clear		P.M.S.	31
Sums		(a)	(a)	904.340	932.67	2041.4	1884.5	1784	2333	15.217	(a)	(a)	(a)	178	(a)	(a)	.26	128	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.172	30.086	65.9	60.8	57.5	75.3	.491	(a)	(a)	(c) S	5.7	(a)	(a)	(a)	4.1	(c) a St.	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 191

Number of Station barometer, 656; sum of corrections, -.008 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min.* (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.286	-.129	29.157	30.08	61.2	52.2	44	54	.287	67.0	56.0	NW	5			0	0	0	0	Clear			A.S.B.	1
2	73.5	29.183	-.128	29.055	29.98	71.8	63.3	59	63	.499	76.8	59.0	S	11			T	2 1	acu St	W N	Clear			A.S.B.	2
3	78.0	29.328	-.140	29.188	30.10	80.5	69.4	64	57	.595	86.3	68.6	SW	5			0	8	a.St	W	Cloudy			A.S.B.	3
4	81.5	29.382	-.150	29.232	30.13	84.0	71.0	65	53	.616	90.8	72.4	S	6			0	8	StCu	S	Cloudy			P.M.D.	4
5	80.5	29.296	-.146	29.150	30.06	71.3	68.2	67	86	.661	81.0	68.2	SW	7			.14	5	a St.	W	Pt. Cloudy			A.S.B.	5
6	81.0	29.276	-.148	29.128	30.04	73.0	58.2	47	40	.322	82.2	70.0	NW	7			0	2 3	CiSt a St	W W	Pt. Cloudy			A.S.B.	6
7	77.5	29.284	-.138	29.146	30.07	68.0	58.0	51	55	.373	71.0	53.0	SE	3			.06	8	StCu	S	Cloudy			P.M.D.	7
8	77.5	29.246	-.138	29.108	30.03	66.5	54.0	44	44	.287	73.8	54.7	NW	10			0	1	Ci St.	W	Clear			A.S.B.	8
9	73.5	29.144	-.128	29.016	29.94	65.3	56.8	51	59	.373	74.8	60.0	SW	12			0	1 7	a St StCu	NW W	Cloudy			A.S.B.	9
10	76.0	29.264	-.134	29.130	30.05	69.5	58.0	50	50	.36	77.3	60.0	NW	8			0	Few	a St	NW	Clear			A.S.B.	10
11	75.0	29.326	-.132	29.194	30.11	62.8	57.8	55	74	.432	75.7	58.5	W	4			.11	1 2	a St StCu	W SW	Clear			A.S.B.	11
12	75.5	29.344	-.133	29.211	30.13	72.4	59.1	50	45	.360	77.0	60.2	N	4			0	1 1	a St StCu	NW N	Clear			A.S.B.	12
13	75.0	29.330	-.132	29.198	30.12	75.3	60.8	51	43	.373	78.5	64.0	O	0			0	2 6	a St StCu	W E	Cloudy			A.S.B.	13
14	79.5	29.320	-.144	29.176	30.09	81.0	61.0	47	30	.322	85.2	66.5	SE	2			0	Few	Cu	S	Clear			P.M.D.	14
15	80.0	29.291	-.145	29.146	30.06	77.0	64.8	58	52	.482	86.0	71.9	NE	4			0	10	StCu	W	Cloudy			A.S.B.	15
16	77.0	29.162	-.137	29.025	29.94	66.3	65.0	64	93	.595	71.0	63.8	NE	4			.33	10	StCu	E	Cloudy			A.S.B.	16
17	78.5	29.156	-.141	29.015	29.93	73.0	66.1	62	69	.555	79.5	66.5	NW	5			0	3	a St.	NW	Clear			A.S.B.	17
18	79.5	29.090	-.143	28.947	29.86	76.0	61.5	52	43	.387	80.2	57.4	NW	5			0	1	Cu	NW	Clear			A.S.B.	18
19	81.0	29.194	-.147	29.047	29.96	82.0	61.5	47	30	.322	85.7	66.0	NW	2			0	1	a St	NW	Clear			A.S.B.	19
20	82.0	29.314	[illegible]	29.161	30.07	82.5	65.5	56	40	.448	89.3	70.0	S	5			0	0	0	0	Clear			A.S.B.	20
21	86.0	29.330	-.161	29.169	30.07	85.2	65.2	53	33	.402	92.0	71.7	S	3			0	4 4	a St StCu	W S	Cloudy			P.M.D.	21
22	84.0	29.340	-.156	29.184	[illegible]	79.2	72.0	69	71	.707	86.4	74.8	SE	[illegible]			[illegible]	4 4	a St StCu	W S	Cloudy			P.M.D.	22
23	86.0	29.256	-.161	29.095	30.01	79.6	67.6	62	54	.555	91.5	73.3	E	5			0	1 3	a St StCu	W NE	Pt. Cloudy			A.S.B.	23
24	86.0	29.220	-.160	29.060	29.96	85.0	69.5	62	46	.555	91.3	72.4	W	3			0	5 3	a St a St	W W	Pt. Cloudy			A.S.B.	24
25	86.5	29.240	-.162	29.078	29.99	79.2	70.0	66	63	.638	91.8	75.0	W	6			T	7	StCu	W	Cloudy			A.S.B.	25
26	87.5	29.222	-.164	29.058	29.97	78.0	71.3	69	72	.707	93.2	74.6	S	10			0	2 4	a St StCu	W SW	Pt. Cloudy			A.S.B.	26
27	87.0	29.318	-.163	29.155	30.06	82.4	76.0	74	75	.838	89.2	72.8	SE	2			.28	2 4	Cu CiSt	W W	Clear			A.S.B.	27
28	86.5	29.240	-.162	29.078	29.99	77.0	68.0	64	63	.595	91.0	68.8	NE	5	31	S	.03	2	St	NE	Pt. Cloudy			P.M.D.	28
29	83.5	29.182	-.154	29.028	29.94	73.0	61.4	54	52	.417	82.3	70.0	NW	10			.11	4	a St	NW	Pt. Cloudy			A.S.B.	29
30	80.5	29.293	-.146	29.147	30.07	64.8	56.5	50	60	.360	67.6	53.3	E	3			0	Few	Ci. St	NW	Clear			A.S.B.	30
31	81.0	29.252	-.148	29.104	30.02	74.6	55.8	40	28	.247	77.3	53.0	E	3			0	0	0	0	Clear			A.S.B.	31
Sums		(a)	(a)	902.586	930.92	2317.4	1655	1747	1697	14.670	(a)	(a)	(a)	165	(a)	(a)	1.11	137	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.116	30.030	74.8	63.4	56.4	54.7	.473	(a)	(a)	(c) NW	5.3	(a)	(a)	(a)	44	(c) a St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 191

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ½ p.m. to ½ p.m. *‡‡	Snow unmelted. ½ p.m. to ½ p.m. *‡‡	Hail, sleet, and snow on ground at p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	67	52	15	8	60																0				0	0	0	0	1
2	77	51	26	4	64				R	11:35a	11:42a										T				0	0	0	0	2
3	86	63	23	10	74																0				0	0	0	0	3
4	91	65	26	4	78																0				0	0	0	0	4
5	81	65	16	5	73				R	12:40p	2:55p										.14				0	0	0	0	5
6	82	63	19	1	72																0				0	0	0	0	6
7	71	53	18	10	62				R	1:10a	9:15a										.10				0	0	0	0	7
8	74	52	22	1	63																0				0	0	0	0	8
9	75	50	25	1	62																0				0	0	0	0	9
10	77	55	22	4	66																0				0	0	0	0	10
11	76	54	22	1	65				R	8:25a	9:05a	R	2:30p	2:45p	R	4:10p	4:50p				.11				0	0	0	0	11
12	77	52	25	1	64																0				0	0	0	0	12
13	78	56	22	3	67																0				0	0	0	0	13
14	85	60	25	5	72																0				0	0	0	0	14
15	86	61	25	2	74																0				0	0	0	0	15
16	71	64	7	6	68				R	U.N.A	U.N.A	R	5:35a	5:20	R	8:[illegible]	10:45a	[illegible]	2:45p	3:20p	.46				0	0	0	0	16
17	80	59	21	2	70																0				0	0	0	0	17
18	80	55	25	2	68																0				0	0	0	0	18
19	86	60	26	5	73																0				0	0	0	0	19
20	89	65	24	4	77																0				0	0	0	0	20
21	92	67	25	3	80																0				0	0	0	0	21
22	86	71	15	2	78				R	4:15a	4:50a	R	6:10a	9:15a							.07				0	0	0	0	22
23	92	68	24	2	80				R	7:45p	9:45p										.06				0	0	0	0	23
24	91	69	22	0	80																0				0	0	0	0	24
25	92	72	20	2	82				R	5:50p	6:10p	R	8:00p	9:05p							.01				0	0	0	0	25
26	93	71	22	0	82																0				0	0	0	0	26
27	89	70	19	2	80				R	2:31p	3:40p										.28				0	0	0	0	27
28	91	69	22	0	80				R	3:25p	4:10p										.03				0	0	0	0	28
29	82	62	20	8	72				R	11:20a	11:30a	R	3:35p	4:10p							.11				0	0	0	0	29
30	68	53	15	12	60																0				0	0	0	0	30
31	77	50	27	4	64																0				0	0	0	0	31
S	2542	1877	665	114	2210		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.37		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	82.0	60.5	21.5	3.7	71.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.172	29.116	29.144	29.340	4	28.946	18	0.394	30.086	30.030	30.058	30.25	4	29.86	18	0.39
Corrected mean		29.141						Corrected mean		30.055	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.9	74.8	70.4	60.8	63.4	62.1	82.0	60.5	71.2				93	26	50	31	43	27	31	7	16

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
57.5	56.4	57.0	75.3	54.7	65.0	49.1	47.3	48.2	0	7	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4758	6.4	S	36	S	28	4	8	5	5	14	8	5	12	1

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.1	4.4	4.5	62	10	17	4	1	6	3

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	11, 23, 25, 27, 28, 29	0	0	0	4	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.37	0.46	16	0			0			1	10	8	2	0	11	0	0	0	0

(w) Maximum precipitation in 5 minutes .11, date 27; 10 minutes .15, date 27; 15 minutes .17, date 27; 30 minutes .17, date 27; 1 hour .28, date 27; 2 hours .28, date 27.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						None														

* The duration is the time precipitation was actually recorded.

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Prepared by C. S. Baker, P. M. Denoyer, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4"	12 Noon	11 00 am				29.340	30.25	85.0																	4
18"	6 40 pm	5.40 pm				28.946	29.86	79.6 ~~68.0~~	(Summer time observation)																18"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, *191*8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20, 1911 7 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry and Calhoun street/room A 911-912; first observation taken in present office, 7 a.m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 191[illegible]

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:16 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.0	29.288	-.134	29.154	30.07	59.7	53.2	48	65	.334	74.6	52.0	NE	1			0	0	0	0	Clear		A.S.B.	1
2	74.5	29.262	-.130	29.132	30.04	64.8	59.2	56	72	.448	75.3	59.9	SW	2			0	1	Ci. St	NW	Clear		A.S.B.	2
3	76.0	29.296	-.134	29.162	30.08	59.1	54.0	50	72	.360	76.4	57.8	E	7			0	4	a Cu	NW	Pt. Cloudy		A.S.B.	3
4	78.0	29.096	-.139	28.957	29.86	72.4	66.4	63	73	.575	76.3	63.0	S	4			0	2	St	W	Clear		A.S.B.	4
5	80.5	29.088	-.145	28.943	29.83	77.3	68.3	64	63	.595	86.0	73.8	SW	7			0	Few	a St	W	Clear		A.S.B.	5
6	87.0	29.256	-.163	29.093	29.98	80.0	71.8	69	67	.707	92.6	78.8	SW	10			0	2	Cu	W	Pt. Cloudy		A.S.B.	6
7	90.0	29.276	-.171	29.105	29.99	78.3	70.8	67	69	.661	93.0	78.0	SW	8			T	5	St Cu	SW	Cloudy		A.S.B.	7
8	90.0	29.220	-.171	29.049	29.94	78.6	72.0	69	73	.707	90.2	74.8	SW	8			0	8	a St	W	Clear		A.S.B.	8
9	85.0	29.206	-.158	29.048	29.96	65.0	63.0	62	90	.555	80.4	64.8	NW	9			0	1	Ci. St	NW	Pt. Cloudy		A.S.B.	9
10	84.0	29.185	-.155	29.030	29.93	73.7	68.6	66	78	.638	80.0	68.9	SE	6			0	2	a St	NW	Clear		A.S.B.	10
11	84.0	29.242	-.155	29.087	30.00	75.0	72.1	71	87	.757	77.3	72.3	SW	8			.06	5	a St.	W	Cloudy		A.S.B.	11
12	84.5	29.322	-.157	29.165	30.06	74.0	70.6	69	84	.707	81.0	71.5	E	3			0	4	St. Cu	SW	Cloudy		A.S.B.	12
13	88.0	29.364	-.166	29.198	30.10	79.2	71.2	67	68	.661	91.2	76.2	SW	16			0	0	0	0	Clear		A.S.B.	13
14	88.0	29.342	-.166	29.176	30.08	75.2	69.0	66	73	.638	86.8	74.0	SW	4			0	5	a St	NW	Cloudy		A.S.B.	14
15	83.5	29.438	-.155	29.283	30.20	67.0	62.5	60	78	.517	82.0	63.7	E	10			0	1	Ci. Cu.	W	Pt. Cloudy		A.S.B.	15
16	82.0	29.354	-.150	29.204	30.11	67.0	58.2	52	59	.387	80.0	66.6	E	4			T	4	St. Cu	E	Cloudy		A.S.B.	16
17	77.5	29.324	-.138	29.186	30.11	64.0	61.2	59	86	.499	71.2	60.8	NE	9			.01	5	St.	E	Cloudy		A.S.B.	17
18	77.0	29.424	-.138	29.286	30.21	64.4	59.2	56	74	.448	72.4	64.0	NE	12			0	2	a St	W	Cloudy		A.S.B.	18
19	75.0	29.530	-.133	29.397	30.33	60.5	57.0	54	81	.417	71.2	57.0	NE	10			0	8	St Cu	W	Cloudy		A.S.B.	19
20	76.5	29.516	-.137	29.379	30.30	66.4	61.0	58	74	.482	77.1	60.0	SE	6			0	1	a Cu	N	Clear		A.S.B.	20
21	79.0	29.408	-.143	29.265	30.17	72.0	69.4	68	88	.684	83.4	70.0	SW	10			0	Few	a St.	W	Clear		A.S.B.	21
22	80.0	29.350	-.145	29.205	30.11	72.0	70.5	70	93	.732	75.0	70.0	SW	8			0	1	a St.	W	Pt. Cloudy		A.S.B.	22
23	81.0	29.282	-.148	29.134	30.03	72.2	66.0	63	72	.575	83.8	68.8	SW	12			0	6	St Cu	SW	Cloudy		A.S.B.	23
24	84.0	29.308	-.156	29.152	30.06	69.3	65.5	64	82	.595	80.6	68.5	N	4			0	3	Cu	SW	Clear		A.S.B.	24
25	82.0	29.328	-.150	29.178	30.09	71.5	62.0	56	58	.448	79.9	62.7	N	1			0	2	a St	NW	Cloudy		A.S.B.	25
26	81.0	29.195	-.147	29.048	29.96	67.1	63.2	61	81	.536	76.0	64.9	SW	7			0	0	0	0	Clear		A.S.B.	26
27	79.0	29.341	-.142	29.199	30.12	61.5	58.2	56	82	.448	77.6	60.0	NE	8			0	2	St Cu	SW	Cloudy		A.S.B.	27
28	77.0	29.230	-.137	29.093	30.00	67.1	65.9	65	94	.616	68.8	65.8	S	10			.13	8	St	S	Cloudy		A.S.B.	28
29	76.0	29.332	-.134	29.198	30.12	63.9	61.0	59	85	.499	77.2	62.0	NW	10			T	4	a St	NW	Pt. Cloudy		A.S.B.	29
30	77.0	29.210	-.137	29.073	29.98	63.4	61.4	60	90	.517	75.4	57.5	E	2			.65	2	a St	W	Clear		A.S.B.	30
31	75.0	29.112	-.131	28.981	29.90	58.9	58.4	58	97	.482	71.6	58.9	N	7			.04	5	St Cu	SW	Cloudy		A.S.B.	31
																		9	St	SW	Lt. Rain		A.S.B.	
Sums		(a)	(a)	903.560	931.72	21405	19908	1906	2408	17225	(a)	(a)	(a)	229	(a)	(a)	0.89	175	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.147	30.055	69.0	64.2	61.5	77.7	.556	(a)	(a)	(c) SW	7.4	(a)	(a)	(a)	5.6	(c) a St.	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	78.0	29.230	-.139	29.091	30.00	75.3	63.0	56	51	.448	80.6	59.7	W	4			0	2	St	W	Clear			P.M.D.	1
2	79.5	29.222	-.143	29.079	29.99	76.4	62.9	54	47	.417	87.4	64.8	NW	5			T	9	St.Cu	W	Cloudy			P.M.D.	2
3	80.0	29.150	-.145	29.005	29.91	76.3	65.8	60	57	.517	85.0	59.1	NE	14			0	Few 1	Ci.St St.	NW NE	Clear			P.M.D.	3
4	82.0	29.018	-.149	28.869	29.76	86.0	72.6	67	53	.661	94.8	72.4	S	3			T	5 3	a St St.Cu	NW W	Cloudy			A.S.B.	4
5	92.0	29.153	-.176	28.977	29.87	92.6	74.6	67	43	.661	102.0	77.3	SW	10			0	3	Ci.	W	Clear			P.M.D.	5
6	96.0	29.230	-.186	29.044	29.93	93.0	74.0	66	40	.638	101.0	80.0	SW	8			0	Few	Ci.St	W	Clear			P.M.D.	6
7	93.5	29.220	-.180	29.040	29.93	90.2	73.6	66	45	.638	96.9	78.3	SW	6			0	6	Cu	SW	Pt. Cloudy			P.M.D.	7
8	88.0	29.100	-.165	28.935	29.83	80.4	73.3	70	72	.732	91.0	77.6	SW	9	25	SW	0.2	2 1	Ci.St St	W SW	Clear			P.M.D.	8
9	87.5	29.169	-.164	29.005	29.91	80.0	68.0	62	54	.555	83.9	65.0	NW	4			0	3	a St	W	Clear			P.M.D.	9
10	85.5	29.186	-.159	29.027	29.93	77.3	74.8	74	89	.838	88.4	73.7	NW	8			.10	10	Nb	NW	Lt. Rain			P.M.D.	10
11	88.0	29.282	-.166	29.116	30.03	81.0	72.0	68	64	.684	91.0	75.0	SE	6			0	7	St.Cu	W	Pt. Cloudy			A.S.B.	11
12	93.5	29.296	-.181	29.115	30.01	91.2	75.2	68	48	.684	99.2	74.0	S	8			0	1	St	SW	Clear			P.M.D.	12
13	91.5	29.250	-.175	29.075	29.97	86.8	72.2	66	50	.638	94.0	79.2	SW	9			0	1	St	W	Clear			P.M.D.	13
14	88.0	29.356	-.166	29.190	30.09	82.0	68.0	61	49	.536	87.0	75.2	N	5			0	4	Ci.St	W	Pt. Cloudy			P.M.D.	14
15	87.5	29.348	-.165	29.183	30.09	80.0	64.0	54	41	.417	83.2	67.0	NE	5			0	5 1	Ci.Cu St	W NE	Pt. Cloudy			P.M.D.	15
16	80.0	29.272	-.145	29.127	30.04	71.2	65.0	62	72	.555	75.0	67.0	NE	9			0	9	St.Cu	E	Cloudy			P.M.D.	16
17	79.0	29.332	-.142	29.190	30.11	72.4	64.4	60	65	.517	80.0	64.0	NE	13			0	6	St.Cu	NE	Pt. Cloudy			P.M.D.	17
18	80.0	29.455	-.146	29.309	30.23	71.2	55.2	41	34	.256	82.0	64.4	NE	9			0	3	a St	W	Clear			A.S.B.	18
19	79.5	29.456	-.145	29.311	30.23	77.1	65.4	59	53	.499	84.1	60.5	NE	12			0	Few	St.	NE	Clear			P.M.D.	19
20	82.0	29.394	-.151	29.243	30.15	83.4	69.4	62	50	.555	87.8	66.4	S	5			0	10	St.Cu	S	Cloudy			P.M.D.	20
21	83.0	29.356	-.153	29.203	30.11	75.0	71.8	71	86	.757	88.0	72.0	SW	5			T	9	St.Cu	NW	Cloudy			P.M.D.	21
22	86.5	29.280	-.162	29.118	30.02	83.8	69.3	62	48	.555	89.4	72.0	SW	8			0	1	Ci.St	W	Clear			P.M.D.	22
23	86.5	29.252	-.162	29.090	30.00	80.6	71.6	68	64	.684	90.2	72.2	NW	14			0	8	St.Cu	SW	Cloudy			P.M.D.	23
24	84.0	29.272	-.156	29.116	30.03	79.9	66.0	58	47	.482	84.8	69.3	NW	3			0	2 1	a St St	W NW	Clear			P.M.D.	24
25	84.0	29.202	-.155	29.047	29.96	76.0	67.2	62	64	.555	89.0	71.5	SW	8			0	10	St.Cu	SW	Cloudy			A.S.B.	25
26	82.0	29.220	-.150	29.070	29.98	77.6	68.0	63	61	.575	85.0	67.1	N	3			0	8 2	a St St.Cu	NW N	Cloudy			P.M.D.	26
27	78.5	29.280	-.141	29.139	30.06	68.8	66.3	65	88	.616	78.8	61.5	E	6			.01	10	St.	SE	Cloudy			P.M.D.	27
28	78.0	29.148	-.139	29.009	29.92	77.2	70.0	67	70	.661	81.3	67.1	S	8			.01	2 1	a St St	W S	Clear			P.M.D.	28
29	81.0	29.300	-.148	29.152	30.06	75.4	57.4	43	31	.277	82.0	63.9	NW	5			0	Few	St	N	Clear			P.M.D.	29
30	77.0	29.143	-.137	29.006	29.92	71.6	66.1	64	75	.595	74.4	62.9	S	5			.01	10	St.Cu	S	Cloudy			P.M.D.	30
31	78.0	29.270	-.140	29.130	30.05	65.8	56.0	49	54	.347	73.6	58.7	NW	8			.02	1	St.	NW	Clear			P.M.D.	31
Sums	(a)	(a)	(a)	902.011	930.12	2455.5	2103.1	1915	1765	17.550	(a)	(a)	(a)	225	(a)	(a)	0.17	157	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.097	30.004	79.2	67.8	61.8	56.9	.566	(a)	(a)	(c) SW	7.3	(a)	(a)	(a)	5.1	(c) St.	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1918

Date.	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	81	52	29	2	66																0				0	0	0	0	1
2	87	60	27	8	74				R	4:45p	5:05p										T				0	0	0	0	2
3	85	58	27	2	72																0				0	0	0	0	3
4	95	63	32	7	79				R	4:40p	5:10p										T				0	0	0	0	4
5	102	74	28	9	88																0				0	0	0	0	5
6	101	79	22	2	90																0				0	0	0	0	6
7	97	78	19	2	88				R	D.N.A.	5:15a										T				0	0	0	0	7
8	91	75	16	5	83				R	12:40p	12:45p	R	1:57p	2:15p							.02				0	0	0	0	8
9	84	65	19	9	74																0				0	0	0	0	9
10	88	69	19	4	78				R	8:10a	9:40a	R	6:03p	7:00p							.16				0	0	0	0	10
11	91	72	19	4	82																0				0	0	0	0	11
12	99	72	27	4	86																0				0	0	0	0	12
13	94	76	18	1	85																0				0	0	0	0	13
14	87	71	16	6	79																0				0	0	0	0	14
15	83	64	19	5	74																0				0	0	0	0	15
16	75	65	10	4	70				R	6:35a	6:39a										T				0	0	0	0	16
17	80	61	19	0	70				R	D.N.A.	D.N.A.										.01				0	0	0	0	17
18	82	61	21	2	72																0				0	0	0	0	18
19	84	57	27	2	70																0				0	0	0	0	19
20	88	60	28	4	74																0				0	0	0	0	20
21	88	70	18	5	79				R	1:10p	1:15p	R	5:35p	6:20p							T				0	0	0	0	21
22	89	70	19	1	80																0				0	0	0	0	22
23	90	69	21	0	80																0				0	0	0	0	23
24	85	68	17	4	76																0				0	0	0	0	24
25	89	63	26	0	76																0				0	0	0	0	25
26	85	65	20	1	75																0				0	0	0	0	26
27	79	60	19	5	70				R	4:55p	6:30p	R	7:05p	+ - -							.14				0	0	0	0	27
28	81	66	15	4	74				R	- - -	D.N.A.	R	11:05a	12:05p	R	D.N.P.	D.N.P.				.01				0	0	0	0	28
29	82	62	20	2	72																0				0	0	0	0	29
30	74	58	16	6	66				R	3:05a	5:39a	R	9:30a	10:15a	R	6:02p	6:10p				.66				0	0	0	0	30
31	74	58	16	0	66				R	D.N.A.	7:20a										.06				0	0	0	0	31
S	2690	2041	649	110	2368		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.06		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	868	658	20.9	3.5	76.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.147	29.097	29.122	29.400	19	28.810	4	0.590	30.056	30.004	30.030	30.33	19	29.70	4	0.63
Corrected mean		29.118						Corrected mean		30.026	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
69.0	79.2	74.1	64.2	67.8	66.0	86.8	65.8	76.3				102	5	52	1	50	32	4	10	16

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
61.5	61.8	61.6	77.7	56.9	67.3	55.6	56.6	56.1	0	9	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6068	8.2	SW	25	SW	8	5	11	6	3	7	20	1	9	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	5.1	5.2	59	7	17	7	0	4	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	4, 28, 30	0	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.06	0.67	30-31	None			None			5	9	4	1	0	12	0	0	0	0

(w) Maximum precipitation in 5 minutes .26, date 30; 10 minutes .31, date 30; 15 minutes .33, date 30; 30 minutes .40, date 30; 1 hour .45, date 30; 2 hours .61, date 30.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
30	3:05 a	5:39 a	.65	3:24 a	3:33 a	.07	.26	.31												

* The duration is the time precipitation was actually recorded.

8—154

Prepared by [illegible], [illegible], Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
22	00 11 AM	00 10 AM	800	29.360	-145	29.215	30.13	82.0	73.0	64	13	65	82.2	W	10			0	4	Cu.	W	Partly	Indeed C.B.	P.M.S.	22
4	00 6 pm	00 5 pm				28.810	29.70	86.0																	4
19	00 10 am.	00 9 am.				29.400	30.33	69.0																	19

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of Septe, *, 1918*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry & Calhoun street, room 911-912; first observation taken in present office, 7 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's. Max.	Self-reg. ther's. Min.	Wind. Dir.	Wind. Velocity.	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m.	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.5	29.380	-.129	29.251	30.18	57.0	52.3	49	73	.347	65.8	52.3	SW	7			0	0	0	0	Clear		[illegible]	1
2	75.0	29.300	-.132	29.168	30.09	63.0	55.8	51	64	.373	75.2	61.0	SE	4			0	8 2	Cu. St. St.	NW SE	Cloudy		P.M.S.	2
3	75.0	29.234	-.132	29.102	30.02	64.2	62.0	61	89	.531	65.0	61.[illegible]	W	8			0.02	10	St.	NW	Cloudy		P.M.S.	3
4	74.0	29.290	-.129	29.161	30.08	60.6	58.0	56	86	.448	71.[illegible]	57.[illegible]	NE	8			[illegible]	10	St.	NE	Cloudy		P.M.S.	4
5	70.5	29.201	-.120	29.081	30.01	54.2	51.4	49	83	.347	54.6	53.6	N	9			.11	9	St. Cu	N	Cloudy		P.M.S.	5
6	67.0	29.332	-.111	29.221	30.15	52.0	48.0	44	75	.287	58.2	47.4	N	4			0	0	0	0	Clear		P.M.S.	6
7	67.5	29.302	-.112	29.190	30.11	53.3	51.5	50	89	.366	65.0	50.3	SW	4			0	4	Ci. St.	W	Pt. Cloudy		[illegible]	7
8	69.5	29.321	-.117	29.204	30.12	56.2	55.2	54	94	.417	68.3	55.0	0	0			0	6	St. Cu.	NW	Pt. Cloudy		P.M.S.	8
9	71.0	29.454	-.122	29.332	30.26	58.0	54.3	52	79	.387	71.0	53.9	SW	5			0	5	Cu.	SW	Pt. Cloudy		P.M.S.	9
10	72.5	29.628	-.127	29.501	30.43	55.0	52.6	51	86	.373	70.3	55.0	NE	9			0	10	St.	NE	Cloudy		[illegible]	10
11	70.0	29.350	-.119	29.231	30.16	53.0	51.4	50	90	.360	58.2	51.3	NE	2			.02	10	Nb	SW	Lt. rain		P.M.S.	11
12	67.5	29.000	-.111	28.884	29.81	55.6	54.0	52	91	.387	64.7	54.0	W	3			.70	3 2	Cu. St. St.	W NW	Cr. Cloudy		[illegible]	12
13	64.5	29.176	-.104	29.072	30.00	48.0	44.5	45	90	.298	57.3	46.4	SW	8			0	1	Ci. St.	W	Clear		P.M.S.	13
14	66.0	29.194	-.105	29.089	30.01	54.0	51.0	49	82	.347	61.2	51.7	[illegible]	6			0	4	Ci. St.	W	Cr. Cloudy		P.M.S.	14
15	67.0	28.980	-.110	28.870	29.78	67.0	63.5	62	83	.503	71.6	64.0	SW	12			0	9	St. Cu.	SW	Cloudy		[illegible]	15
16	70.0	29.165	-.118	29.047	29.97	55.6	54.6	54	94	.417	62.4	55.6	NE	8			0	10	St.	NE	Cloudy		P.M.S.	16
17	66.0	29.372	-.109	29.263	30.20	48.0	46.5	45	90	.298	49.0	44.6	NW	2			T	0	0	0	Clear		[illegible]	17
18	65.0	29.044	-.104	28.940	29.86	51.0	48.4	46	83	.310	58.3	49.0	S	6			0	8	St. Cu.	W	Cloudy		[illegible]	18
19	62.5	29.154	-.098	29.056	29.99	46.0	43.0	40	79	.247	49.9	41.3	SW	5			.01	10	Nb	SW	Lt. rain		P.M.S.	19
20	60.5	29.280	-.094	29.186	30.12	40.0	37.8	35	82	.203	45.4	36.6	SW	8			0	1	St.	SW	Clear		P.M.S.	20
21	60.0	29.490	-.093	29.397	30.35	44.0	41.2	38	80	.228	50.8	41.8	W	8			0	10	St.	W	Cloudy		P.M.S.	21
22	61.0	29.620	-.095	29.525	30.47	39.2	37.7	36	88	.211	49.2	36.4	SW	4			0	0	0	0	Clear		P.M.S.	22
23	61.5	29.518	-.097	29.421	30.36	46.2	43.1	40	78	.247	57.0	43.4	SW	8			0	0	0	0	Clear		P.M.S.	23
24	63.5	29.396	-.102	29.294	30.23	50.0	46.7	43	79	.277	60.0	48.4	SW	3			0	7 2	a St St	W SW	Cloudy		P.M.S.	24
25	66.0	29.273	-.108	29.165	30.09	49.6	48.3	46	88	.310	62.8	48.4	SE	1			0	3 Lt	a St St Cu 709	NW SE SE	Pt. Cloudy		P.M.S.	25
26	65.0	29.380	-.106	29.274	30.21	41.0	37.6	33	74	.187	62.0	40.6	N	10			0	few	St	N	Clear		P.M.S.	26
27	65.0	29.428	-.106	29.322	30.[illegible]	40.8	38.3	35	80	.203	49.5	38.7	NW	4			0	0	[illegible]	0	Clear		P.M.S.	27
28	63.5	29.106	-.101	29.005	29.93	50.0	43.2	35	57	.203	56.0	47.9	SW	15			0	0	0	0	Clear		P.M.S.	28
29	65.5	29.193	-.106	29.087	30.02	46.0	42.5	39	75	.237	64.7	44.8	NE	4			0	0	0	0	Clear		P.M.S.	29
30	66.0	29.304	-.108	29.196	30.13	47.3	43.8	40	76	.247	59.0	47.3	NE	8			0	5	St. Cu	NW	Cloudy		P.M.S.	30
31																								31
Sums		(a)	(a)	875.540	903.40	1545.7	1460.2	1380	2457	9.647	(a)	(a)	(a)	183	(a)	(a)	0.86	153	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.185	30.113	51.5	48.7	46.0	81.9	.322	(a)	(a)	(c) SW	6.1	(a)	(a)	(a)	5.1	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Records."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.5	29.340	-.138	29.202	30.12	75.2	61.2	52	44	.387	80.0	57.0	SW	3			0	Few	St.	SW	Clear			P.M.G.	1
2	75.0	29.124	-.131	28.993	29.91	63.8	62.1	61	91	.536	77.3	63.0	S	9			.18	10	Nb.	SW	Lt. Rain			P.M.G.	2
3	75.5	29.296	-.133	29.163	30.08	71.0	63.6	59	67	.499	74.9	64.2	W	4			0	2 3	a St St Cu	NW W	Pt. Cloudy			A.S.B.	3
4	72.0	28.980	-.123	28.857	29.78	54.6	54.6	55	100	.432	64.0	54.6	NE	15			4.06	10	Nb	NE	Lt. Rain			A.S.B.	4
5	71.0	29.284	-.121	29.163	30.09	58.2	50.2	43	57	.277	66.0	54.2	NW	9			0	3	a St.	NW	Clear			A.S.B.	5
6	69.5	29.287	-.117	29.170	30.09	65.0	58.1	53	66	.402	69.4	52.0	NW	3			0	1	St.	NW	Clear			P.M.G.	6
7	71.5	29.258	-.122	29.136	30.06	68.3	61.2	57	67	.465	75.0	53.3	SW	3			0	0	St Cu	SW	Clear			P.M.G.	7
8	72.5	29.322	-.125	29.197	30.12	71.0	60.0	53	53	.402	76.7	56.2	0	0			0	2	St Cu.	W	Clear			P.M.G.	8
9	74.0	29.456	-.130	29.326	30.26	70.3	60.0	53	55	.402	79.0	58.0	SW	6			0	3	St.	SW	Clear			P.M.G.	9
10	72.0	29.560	-.125	29.435	30.38	58.2	53.1	50	72	.360	61.2	49.8	E	6			T	8	St Cu	NE	Cloudy			P.M.G.	10
11	69.0	29.070	-.115	28.955	29.88	64.7	61.2	59	82	.499	65.2	53.0	S	9			.44	8	St Cu.	S	Cloudy			P.M.G.	11
12	66.5	29.090	-.108	28.982	29.91	51.3	49.3	47	87	.372	61.0	51.3	W	10			.12	8	St Cu	NW	Cloudy			P.M.G.	12
13	66.5	29.173	-.109	29.064	29.99	61.2	55.0	51	67	.373	66.0	48.0	SW	5			0	0	0	0	Clear			P.M.G.	13
14	69.0	29.072	-.115	28.957	29.88	71.6	67.1	65	80	.616	78.2	54.0	SW	7			0	3 6	a St St Cu	W SW	Cloudy			P.M.G.	14
15	69.0	29.076	-.115	28.961	29.88	62.4	60.0	59	87	.499	70.0	62.4	NW	4			.02	5 3	c St St.	W NW	Cloudy			P.M.G.	15
16	66.5	29.200	-.109	29.091	30.02	49.0	48.5	48	96	.334	55.6	49.0	NE	5			.48	10	Nb.	NE	Rain			P.M.G.	16
17	66.5	29.256	-.109	29.147	30.08	58.3	51.2	45	62	.298	63.4	48.0	SE	3			0	5 1	a St. St.	SW SE	Pt. Cloudy			P.M.G.	17
18	65.5	29.058	-.106	28.952	29.88	49.9	44.3	38	64	.228	63.0	49.9	W	10			.02	0	0	0	Clear			P.M.G.	18
19	64.0	29.193	-.102	29.091	30.03	45.4	43.9	42	89	.266	48.0	45.4	S	8			.01	7	St Cu	SW	Pt. Cloudy			P.M.G.	19
20	62.0	29.378	-.098	29.280	30.22	50.8	45.8	41	69	.256	53.0	40.0	NW	10			0	1 7	a Cu St. Cu	NW NW	Cloudy			A.S.B.	20
21	63.0	29.528	-.101	29.427	30.38	49.2	45.0	41	73	.256	54.2	44.0	W	6			0	1 6	a St St Cu	NW W	Pt. Cloudy			A.S.B.	21
22	63.0	29.512	-.101	29.411	30.35	57.0	48.5	40	53	.247	62.0	39.2	SW	4			0	1	St	SW	Clear			P.M.G.	22
23	64.0	29.371	-.103	29.268	30.21	60.0	52.2	45	59	.298	67.1	46.2	SW	6			0	2	a St	NW	Clear			A.S.B.	23
24	66.0	29.296	-.108	29.188	30.12	62.8	53.3	46	53	.310	70.2	50.0	S	3			0	1	a St	NW	Clear			A.S.B.	24
25	65.5	29.214	-.106	29.108	30.04	62.0	56.5	53	72	.402	71.1	49.6	N	6			0	10	St Cu	NW	Cloudy	B 5:30 a.m. E 9:30 a.m.	B H.N.A. E 5:30 a.m.	A.S.B.	25
26	66.5	29.418	-.110	29.308	30.25	49.5	44.4	39	67	.237	56.5	41.0	W	9			0	2 Few	a St St Cu	W W	Clear			A.S.B.	26
27	66.5	29.271	-.109	29.162	30.09	56.0	47.0	38	50	.228	66.4	40.8	SW	0			0	0	0	0	Clear			A.S.B.	27
28	67.0	29.032	-.110	28.922	29.84	64.7	55.0	47	54	.322	75.0	50.0	N	6			0	2 2	a St St Cu	NW NW	Pt. Cloudy			A.S.B.	28
29	67.5	29.212	-.112	29.100	30.03	59.0	51.8	46	62	.310	67.0	46.0	N	8			0	10	St	NW	Cloudy			P.M.G.	29
30	69.0	29.508	-.117	29.391	30.33	49.0	44.2	39	69	.237	54.1	47.3	NE	3			T	1	a St	NE	Clear			A.S.B.	30
31																									31
Sums		(a)	(a)	874.407	902.30	1789.4	1608.3	1465	2067	10.700	(a)	(a)	(a)	190	(a)	(a)	5.33	147	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.147	30.077	59.6	53.6	48.8	68.9	.357	(a)	(a)	(c) SW	6.3	(a)	(a)	(a)	4.9	(c) St. Cu.	(c) NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1918

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Sunday	80	52	28	0	66																0				0	0	0	0	1
2	77	61	16	3	69				R	4:55p	9:30p										.20				0	0	0	0	2
3	75	60	15	1	68																0				0	0	0	0	3
4	64	54	10	9	59				R	7:40a	D.N.p.										4.17				0	0	0	0	4
5	66	50	16	1	58																0				0	0	0	0	5
6	69	47	22	0	58																0				0	0	0	0	6
7	75	50	25	4	62																0				0	0	0	0	7
8	77	55	22	4	66																0				0	0	0	0	8
9	79	54	25	0	66																0				0	0	0	0	9
10	63	50	13	10	56				R	7:15a	9:00a										T				0	0	0	0	10
11	65	51	14	2	58				R	D.N.a	D.N.a	R	5:20a	12:10p	R	12:45p	1:55p	R R	3:40p 7:03p	4:15p 11:50p	1.16				0	0	0	0	11
12	62	48	14	3	55				R	9:10a	10:05a	R	12:15p	12:35p	R	1:10p	1:20p	R	4:17p	6:25p	.12								12
13	66	46	20	1	56																0				0	0	0	0	13
14	78	52	26	9	65																0				0	0	0	0	14
15	70	59	11	1	64				R	11:42a	4:10p										.02				0	0	0	0	15
16	59	46	13	12	52				R	7:20a	7:30p										.48				0	0	0	0	16
17	63	45	18	2	54																0				0	0	0	0	17
18	63	42	21	2	52				R	8:05a	8:15a	R	11:36a	11:46a	R	1:02p	1:10p				.02				0	0	0	0	18
19	48	41	7	8	44				R	6:02a	8:30a	R	11:10a	5:20p							.02				0	0	0	0	19
20	53	37	16	1	45																0				0	0	0	0	20
21	54	42	12	3	48																0				0	0	0	0	21
22	62	36	26	1	49																0				0	0	0	0	22
23	67	43	24	6	55																0				0	0	0	0	23
24	70	48	22	4	59																0				0	0	0	0	24
25	71	48	23	1	60																0				0	0	0	0	25
26	56	41	15	12	48																0				0	0	0	0	26
27	66	39	27	4	52																0				0	0	0	0	27
28	75	48	27	10	62																0				0	0	0	0	28
29	67	45	22	6	56																0				0	0	0	0	29
30	54	42	12	8	48				R	9:10a	9:18a										T				0	0	0	0	30
31																													31
S	1994	1432	562	128	1710		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	6.19		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	66.5	47.7	18.7	4.3	57.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.185	29.147	29.166	29.550	10	28.810	18	0.740	30.113	30.077	30.095	30.49	10	29.72	18	0.77
Corrected mean		29.161						Corrected mean		30.090	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
51.5	59.6	55.6	48.7	53.6	51.2	66.5	47.7	57.1	–	–	–	80	1	36	22	44	28	1	7	19

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
46.0	48.8	47.4	81.9	68.9	75.4	.327	.357	.340	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5400	7.5	SW	33	SW	18	6	9	1	3	6	19	8	6	2

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.1	4.9	5.0	57	9	11	10	0	1	7

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
9,20 22,27	0	0	11	0	2,24	0	25	25	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h.	m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h.	m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
6.19	4.17	4	4.17	13	30	4	1.30	0	57	4	2	8	5	3	2	10	0	0	0	0

(w) Maximum precipitation in 5 minutes .24, date 4; 10 minutes .41, date 4; 15 minutes .49, date 4; 30 minutes .68, date 4; 1 hour 1.33, date 4; 2 hours 1.74, date 4.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
4	7.40 a	9.N.P.	4.17	3:22 p.	4:22 p	2.19	.06	.15	.39	.56	.65	.68	.71	.80	.86	1.02	1.33			
11	7.03 p.	11:50 p.	.70	9.08 p.	9.22 p	.12	.17	.32	.42											

* The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Baker

P. N. Dmovak, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
10"	30 10 am	30 9 am				29.650	30.49	51.0																	10"
18"	00 2 pm	00 1 pm				28.810	29.72	63.0																	18"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Indiana

For the Month of October, *1918*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry and Calhoun street, rooms 911-912; first observation taken in present office, 7 a. m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.5	29.582	-.107	29.475	30.43	38.0	36.5	34	87	.195	49.0	35.2	E	2			0	8	Ci. St.	NW	Clear		A.S.B.	1
																		Lt.	Fog	E				
2	65.0	29.331	-.105	29.226	30.16	55.3	53.0	52	86	.387	57.0	53.9	SW	6			T	2	a Cu	SW	Pt. Cloudy		A.S.B.	2
																		4	St.	SW				
3	66.0	29.482	-.109	29.373	30.31	47.0	46.4	46	95	.310	60.1	45.8	W	2			.0	1	a St	W	Clear		A.S.B.	3
																		Lt.	Fog	W				
4	66.5	29.534	-.116	29.424	30.36	49.3	45.8	42	77	.266	57.4	43.5	SE	4			0	3	a St	W	Clear		A.S.B.	4
																		Lt.	Fog	SE				
5	69.0	29.057	-.115	28.942	29.85	66.3	60.0	56	69	.448	69.2	63.8	SW	15			0	3	a St	W	Cloudy		A.S.B.	5
																		7	St	SW				
6	70.0	29.016	-.118	28.898	29.81	54.8	51.3	49	79	.347	71.3	54.0	W	8			0	3	Ci. St.	NW	Clear		A.S.B.	6
7	66.0	29.460	-.109	29.351	30.29	47.2	44.0	41	78	.256	48.7	46.0	NE	11			0	10	St. Cu	NE	Cloudy		A.S.B.	7
8	64.0	29.536	-.103	29.433	30.38	38.2	37.7	37	96	.219	50.0	37.8	NE	4			0	1	Ci. St.	NW	Clear		A.S.B.	8
																		1	a St.	NW				
9	65.0	29.360	-.105	29.255	30.19	52.2	50.8	49	92	.347	59.4	51.3	W	5			.02	2	a St	W	Clear		A.S.B.	9
10	67.0	29.356	-.111	29.245	30.17	50.0	43.2	35	57	.203	64.0	47.8	S	3			0	2	a St	NW	Clear		A.S.B.	10
11	68.0	29.310	-.113	29.197	30.12	58.8	51.7	46	62	.310	67.0	56.9	S	7			0	4	a Cu	W	Pt. Cloudy		A.S.B.	11
																		3	St	SW				
12	68.5	29.210	-.114	29.096	30.03	52.9	52.5	52	98	.387	60.0	52.0	S	2			.07	7	a Cu	W	Pt. Cloudy		A.S.B.	12
																		Lt.	Fog	SW				
13	68.0	29.060	-.112	28.948	29.87	57.5	50.0	44	60	.287	63.8	57.3	W	11			0	10	St	W	Cloudy		A.S.B.	13
14	64.5	29.400	-.105	29.295	30.24	41.4	40.0	39	89	.237	51.6	39.9	W	4			0	2	a St	NW	Pt. Cloudy		A.S.B.	14
																		4	St. Cu	NW				
15	65.0	29.502	-.106	29.396	30.34	43.8	39.9	35	71	.203	53.2	43.0	S	9			0	2	a St.	W	Clear		A.S.B.	15
16	65.0	29.346	-.105	29.241	30.17	51.2	45.2	39	63	.237	61.2	50.2	SW	9			0	2	a. St	W	Clear		A.S.B.	16
17	67.0	29.240	-.110	29.130	30.05	52.4	48.2	44	74	.287	67.3	51.8	SW	8			1	4	Ci. St	W	Pt. Cloudy		A.S.B.	17
																		1	a St	W				
18	67.5	29.436	-.113	29.323	30.26	46.0	42.4	39	74	.237	65.0	45.6	NE	18	31	NE	0	10	St. Cu	NE	Cloudy		A.S.B.	18
19	66.0	29.470	-.109	29.361	30.31	36.8	34.5	31	80	.172	46.0	36.3	E	11			0	1	Ci. St.	W	Clear		A.S.B.	19
																		2	a. St.	W				
20	65.0	29.150	-.105	29.045	29.97	56.5	56.0	56	97	.448	59.5	56.0	W	9			.91	10	Nb	SW	Lt. Rain		A.S.B.	20
21	64.0	29.400	-.103	29.297	30.24	44.0	41.9	40	84	.247	57.5	42.9	NW	3			0	1	a St	NW	Clear		A.S.B.	21
22	64.0	29.328	-.103	29.225	30.15	38.2	36.0	33	82	.187	54.1	37.8	E	6			0	3	a St.	NW	Clear		A.S.B.	22
23	64.0	29.342	-.103	29.239	30.17	47.2	46.2	45	93	.298	53.4	47.1	NE	6			.62	10	Nb	SW	Lt. Rain		A.S.B.	23
24	65.0	29.216	-.105	29.111	30.03	59.1	57.0	56	88	.448	60.1	57.2	SE	12			.22	10	Nb	SW	Lt. Rain		A.S.B.	24
25	66.0	29.212	-.108	29.104	30.03	53.3	51.8	50	91	.360	60.2	52.8	NW	5			.01	10	St.	W	Cloudy		A.S.B.	25
26	65.5	29.343	-.107	29.236	30.17	51.1	49.5	48	90	.334	55.0	50.8	NE	10			0	10	St.	NE	Cloudy		A.S.B.	26
27	65.0	29.130	-.105	29.025	29.95	56.0	55.5	55	97	.432	56.8	52.6	E	7			.25	10	Nb	SW	Lt. Rain		A.S.B.	27
28	63.0	28.842	-.099	28.743	29.65	48.1	44.8	42	78	.266	72.0	47.8	SW	18	30	SW	.48	10	St. Cu	SW	Cloudy		A.S.B.	28
29	64.0	28.992	-.102	28.890	29.82	45.5	44.0	42	89	.266	49.4	43.8	S	8			0	2	a Cu	SW	Pt. Cloudy		A.S.B.	29
																		2	a St	SW				
30	63.5	28.990	-.101	28.889	29.82	46.8	46.0	45	94	.298	56.4	46.8	W	4			0	8	St. Cu	W	Cloudy		A.S.B.	30
																		Lt.	Fog	W				
31	63.5	29.057	-.101	28.956	29.89	41.8	39.3	36	81	.211	46.7	40.8	SW	12			0	8	St. Cu	W	Cloudy		A.S.B.	31
Sums		(a)	(a)	904.369	933.23	1526.7	1441.1	1358	2551	9.130	(a)	(a)	(a)	239	(a)	(a)	1.98	188	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.173	30.104	49.2	46.5	43.8	82.3	.295	(a)	(a)	(c) W	7.7	(a)	(a)	(a)	6.1	(c) a St.	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1918

* Number of Station barometer, 656; sum of corrections, -0.09 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.					D.D.N.A.			
1	67.5	29.395	-113	29.282	30.22	55.2	48.2	41	60	.256	58.8	38.0	SE	5			T	10	Nb	W	Lt. rain	E 7:00 am		PMD	1
2	68.0	29.376	-114	29.262	30.19	60.1	57.0	55	83	.432	65.4	55.3	NW	6			T	0	0	0	Clear			PMD	2
3	70.0	29.530	-119	29.411	30.35	57.4	50.4	44	61	.287	66.0	47.0	NE	2			0	0	0	0	Clear	O 5:30a E 9:20a B D N A E 7:30a	B. D N A E 5:30a	PMD	3
4	70.5	29.296	-120	29.176	30.10	67.3	52.2	38	34	.228	76.4	49.3	S	11			0	10	St	S	Cloudy			PMD	4
5	72.0	28.921	-123	28.798	29.70	71.3	64.1	60	68	.517	76.3	66.3	SW	12	29	SW	T	2	St	W	Clear			PMD	5
6	68.0	29.250	-113	29.137	30.07	48.7	45.2	42	77	.266	60.1	48.7	N	10			0	10	StCu	NW	Cloudy			A.S.B.	6
7	68.0	29.550	-114	29.436	30.38	50.0	47.2	44	82	.287	52.4	47.2	E	5			0	8	StCu	E	Cloudy			PMD	7
8	67.0	29.364	-111	29.253	30.19	59.4	51.9	45	60	.298	66.8	38.2	E	3			0	3	St	E	Clear			PMD	8
9	69.0	29.348	-116	29.232	30.15	64.0	52.0	41	43	.256	71.0	52.2	0	0			0	0	0	0	Clear			[illegible]	9
10	70.0	29.290	-119	29.171	30.09	67.0	58.1	52	58	.387	74.4	50.0	S	5			0	10	St.	S	Cloudy			PMD	10
11	70.5	29.286	-120	29.166	30.09	60.0	58.0	57	89	.465	74.0	58.8	W	2			.21	10	Nb	W	Lt. rain			PMD	11
12	72.0	29.116	-123	28.993	29.91	63.8	59.3	57	77	.465	69.0	52.9	SW	12			0	0	0	0	Clear	B 6:30a E 9:00a O 8:30a E 2:00p	B D N A E [illegible]	PMD	12
13	68.0	29.260	-113	29.147	30.08	51.6	45.6	40	63	.247	60.0	51.6	NW	10			0	0	0	0	Clear			PMD	13
14	68.5	29.444	-115	29.329	30.27	53.2	48.8	45	73	.298	59.0	41.4	0	0			0	0	0	0	Clear			PMD	14
15	68.5	[illegible]	-115	29.220	30.15	61.2	51.2	42	50	.266	69.0	43.8	S	14			0	1	St	S	Clear			[illegible]	15
16	67.0	29.[illegible]	[illegible]	29.198	30.12	67.3	56.1	48	50	.334	74.8	57.2	[illegible]				0	0	0	0	Clear			PMD	16
17	70.5	29.167	-120	29.047	29.97	65.0	57.2	51	63	.373	75.0	52.4	SW	8			0	4 1	Ci. St St.	NW SW	Pt. Cloudy			[illegible]	17
18	72.5	29.540	-126	29.414	30.36	46.0	41.6	36	70	.211	56.0	46.0	NE	14	30	NE	0	3	a St	[illegible]	[illegible]			[illegible]	18
19	67.0	29.279	-111	29.168	30.10	58.4	55.9	54	86	.417	64.6	36.8	S	7			.01	10	Nb	S	Lt. Rain			[illegible]	19
20	66.0	29.255	-108	29.147	30.08	57.5	52.0	48	69	.334	62.8	54.6	NW	11			0	1	aSt	W	Clear			A.S.B.	20
21	67.0	29.352	-111	29.241	30.17	54.1	44.2	33	44	.187	62.0	44.0	E	5			0	0	0	0	Clear			[illegible]	21
22	66.0	29.304	-108	29.196	30.13	53.4	45.9	38	56	.228	59.0	38.2	E	1			0	7	StCu	NE	Pt. Cloudy			PM	22
23	66.0	29.330	-108	29.222	30.15	58.5	58.0	58	97	.482	60.6	46.8	E	8			.14	10	Nb	E	Lt. Rain			[illegible]	23
24	68.5	29.068	-114	28.954	29.87	59.3	58.0	57	93	.465	63.0	58.6	S	12			.16	10	St	S	Cloudy			[illegible]	24
25	68.0	29.322	-113	29.209	30.14	55.0	53.0	52	88	.387	56.3	53.0	NE				0	10	St	NE	Cloudy			PMD	25
26	67.5	29.288	-112	29.176	30.11	55.3	54.3	53	94	.402	57.2	50.0	NE	9			0	10	St	E	Cloudy			[illegible]	26
27	66.0	28.783	-106	28.677	29.58	72.0	62.8	58	60	.482	72.0	56.0	SE	18			.06	7	StCu	S	Pt. Cloudy			A.S.B.	27
28	68.0	29.003	-112	28.891	29.82	49.4	46.9	44	83	.287	55.0	46.9	S	8	26	S	T	0	0	0	Clear			PMD	28
29	67.5	28.924	-111	28.813	29.73	56.4	50.4	45	66	.298	61.0	45.5	S	8			0	10	St.	S	Cloudy			[illegible]	29
30	68.0	29.050	-112	28.938	29.87	46.7	43.7	40	76	.247	56.0	46.7	NW	9			0	0	0	0	Clear	B.D.N.A. E. 9		PMD	30
31	65.5	29.175	-106	29.069	30.01	40.0	37.7	33	78	.187	45.7	37.9	W	8			.04	8	StCu	W	Cloudy			PMD	31
Sums		(a)	(a)	903.373	932.15	1784.5	1605.9	1451	2151	10.276	(a)	(a)	(a)	240	(a)	(a)	0.62	155	(a)	(a)	(a)	6	2	(a)	(a)
Means		(a)	(a)	29.141	30.069	57.6	51.8	46.8	69.4	.331	(a)	(a)	(c) S	7.7	(a)	(a)	(a)	5.0	(c) SSt	(c) S	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1918

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	59	35	24	1	47				R	4:02p	7:30p										T				0	0	0	0	1
2	65	53	12	12	59				R	7:10a	7:15a										T				0	0	0	0	2
3	66	46	20	3	56																0				0	0	0	0	3
4	76	44	32	4	60																0				0	0	0	0	4
5	76	63	13	10	70				R	1:30p	1:55p	R	3:05p	3:20p	R	4:10p	4:20p				T				0	0	0	0	5
6	63	47	16	15	55																0				0	0	0	0	6
7	52	45	7	7	48																0				0	0	0	0	7
8	67	38	29	4	52																0				0	0	0	0	8
9	71	51	20	9	61				R	A.N.A	A.N.A										.02				0	0	0	0	9
10	74	48	26	0	61																0				0	0	0	0	10
11	74	57	17	5	66				R	1:45p	A.N.A										.28				0	0	0	0	11
12	69	52	17	6	60																0				0	0	0	0	12
13	60	44	16	8	52																0				0	0	0	0	13
14	59	40	19	2	50																0				0	0	0	0	14
15	69	43	26	6	56																0				0	0	0	0	15
16	75	50	25	6	62																0				0	0	0	0	16
17	75	51	24	1	63																0				0	0	0	0	17
18	56	42	14	14	49																0				0	0	0	0	18
19	65	36	29	1	50				R	4:40p	---										ϕ .47				0	0	0	.0	19
20	63	50	13	6	56				R	---	A.N.A	R	6:30a	6:45a							.45				0	0	0	0	20
21	62	43	19	4	52																0				0	0	0	0	21
22	59	38	21	4	48																0				0	0	0	0	22
23	61	47	14	6	54				R	5:00a	9:05a	R	10:15	---							.17				0	0	0	0	23
24	63	57	6	6	60				R	---	9:30a	R	10:55a	12:05p	R	12:55p	6:2[illegible]	R	DNP	DNP	.38				0	0	0	0	24
25	58	53	5	4	56																0				0	0	0	0	25
26	57	50	7	2	54																0				0	0	0	0	26
27	72	53	19	8	62				R	A.N.A.	10:00a	R	12:15p	12:30p	R	8:00p	A.N.P.				.79				0	0	0	0	27
28	62	45	17	8	54				R	9:00a	9:30a										T				0	0	0	0	28
29	61	44	17	2	52																0				0	0	0	0	29
30	56	42	14	3	49																0				0	0	0	0	30
31	46	37	9	7	42				R	12:30p	2:30p	R	3:10p	4:10p	R	8:50	---				.04				0	0	0	0	31
S	1991	1444	547	174	1716		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.60		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	64.2	46.6	17.6	5.6	55.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ϕ Estimated.

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SUMMARY FOR THE MONTH OF October, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .006.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.173	29.141	29.157	29.500	1	28.670	27	.830	30.102	30.069	30.086	30.45	1	29.57	27	0.88
Corrected mean		29.151						Corrected mean		30.080	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
49.2	57.6	53.4	46.5	51.8	49.2	64.2	46.6	55.4				76	4	35	1	41	32	4	5	25

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
43.8	46.8	45.3	82.3	69.4	75.8	.295	.331	.313	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6535	88	SW	31	NE	18	1	10	9	4	12	9	9	6	2

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1	5.0	6.0	57	10	12	13	1	1	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
8, 14, 19, 22	1	0	2	0	0	0	1, 3, 4, 12, 13, 30	3, 12	13	0	13	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.60	0.97	19-20	0			0			4	8	7	5	0	12	0	0	0	0

⊗ (w) Maximum precipitation in 5 minutes .09, date 27; 10 minutes .16, date 27; 15 minutes .23, date 27; 30 minutes .38, date 27; 1 hour .48, date 27; 2 hours .48, date 27.

⊗ As there was not a complete record of precipitation by recorder during the month, these values are assumed to be the greatest.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None																				

* The duration is the time precipitation was actually recorded.

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Prepared by O. S. Baker, P. M. Denaugh, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
																			4	St cu	SW		Ordered		
22	11:00 am	10:00 am	66.0	29.175	-.108	29.067	29.99	60.6	58.1	57	4	86	61.2	S	6			.03	6	St	SW	Cloudy	C. by O	N.S.B.	22
26	2:00 pm	1:00 pm	68.0	29.292	-.113	29.179	30.11	55.3	52.8	51	4	85	55.3	E	6			0	10	St	SE	Cloudy	Ordered C. by O	[illegible]	26
1	10:00 AM	9:00 AM				29.500	30.45	48.0																	1
27	8:55 pm	7:55 pm				28.670	29.57	71.0																	27

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Indiana

For the Month of November, *191*8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, 11; date and observation upon which use of station barometer commenced, May 20, 1911, 7 a.m., station elevation, 857 feet; actual elevation, 857 feet.

Location of office: Number Corner Berry & Calhoun street, room 911-912; first observation taken in present office, 7 a. m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne Ind, for the Month of November, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	60.0	29.280	-.092	29.188	30.[illegible]	35.0	32.9	30	81	.164	40.0	35.0	W	14			.02	10	St. Cu	NW	Cloudy		[illegible]	1
2	60.5	29.462	-.094	29.368	30.33	29.6	28.1	26	84	.136	37.0	29.6	SW	8			0	1	St. Cu	SW	Clear		Fred.	2
3	62.5	29.375	-.099	29.276	30.22	42.0	39.0	35	77	.203	45.7	39.9	S	9			0	5	St. Cu	S	Pt. Cloudy		MCD	3
4	60.0	29.332	-.092	29.240	30.17	47.2	45.2	43	86	.277	56.0	47.2	NW	13	25	S	0	10	St. Cu	NW	Cloudy		[illegible]	4
5	63.0	29.570	-.101	29.469	30.42	37.0	35.6	33	88	.187	47.0	35.9	NE	5			0	0	0	0	Clear		MCD	5
6	62.5	29.521	-.099	29.422	30.37	38.4	35.9	32	79	.180	47.1	35.4	SE	5			0	0	0	0	Clear		MCD	6
7	65.0	29.430	-.106	29.324	30.26	49.3	45.2	41	73	.256	58.3	47.0	SW	9			0	9	St.	SW	Cloudy		MCD	7
8	66.5	29.240	-.109	29.131	30.06	53.0	50.4	48	84	.334	55.4	52.0	S	5			.06	10	Nb	S	Lt. Rain		MCD	8
9	66.5	29.153	-.109	29.044	29.97	47.3	46.3	45	93	.298	57.6	47.3	SW	10			.36	3	St. Cu	SW	Clear		MCD	9
10	64.0	29.525	-.103	29.422	30.37	40.0	36.0	31	68	.172	41.0	40.0	W	6			T	10	St. Cu	NW	Cloudy		MCD	10
11	63.0	29.618	-.101	29.517	30.48	33.2	32.2	31	90	.172	41.4	31.5	W	2			0	6 1	a. St. St.	NW W	Pt. Cloudy		MCD	11
12	62.0	29.453	-.098	29.355	30.31	33.4	31.9	29	85	.157	40.8	33.4	S	6			0	5	St. Cu	S	Pt. Cloudy		MCD	12
13	61.0	29.252	-.095	29.157	30.10	33.8	31.5	28	78	.150	46.0	33.8	SW	8			0	0	0	0	Clear		MCD	13
14	62.5	29.321	-.099	29.222	30.16	32.5	31.0	28	85	.150	42.2	30.4	W	1			0	0	0	0	Clear		MCD	14
15	64.5	29.260	-.104	29.156	30.09	44.0	39.6	34	69	.195	52.0	42.4	SW	5			0	4 3	a. St. St.	NW SW	Pt. Cloudy		MCD	15
16	67.0	29.182	-.110	29.072	30.00	52.4	47.4	42	69	.266	55.2	52.4	S	6			T	10	Nb.	S	Lt. Rain		MCD	16
17	68.0	28.804	-.112	28.692	29.60	56.0	55.0	54	94	.417	58.1	55.7	SE	7			.36	9	St. Cu	SW	Cloudy		MCD	17
18	67.5	28.582	-.109	28.473	29.38	43.6	43.0	42	95	.266	54.6	43.6	SW	12			.01	10	Nb	SW	Lt. Rain		MCD	18
19	61.0	28.610	-.093	28.517	29.44	36.5	36.0	36	95	.211	41.0	34.9	W	15	26	W	.11	10	Nb	W	Lt. Rain		MCD	19
20	61.0	29.056	-.094	28.962	29.90	40.0	39.0	38	92	.228	41.6	39.4	W	9			.01	9	St. Cu	NW	Cloudy		MCD	20
21	63.5	29.308	-.102	29.206	30.15	37.7	35.7	33	83	.187	39.2	36.6	NW	7			0	10	St.	NW	Cloudy		MCD	21
22	62.0	29.440	-.098	29.342	30.29	34.0	32.6	30	87	.164	35.0	33.8	NW	5			T	9	St. Cu	NW	Cloudy		MCD	22
23	63.0	29.560	-.101	29.459	30.42	30.0	28.5	26	84	.136	33.2	30.0	NW	6			0	10	St.	NW	Cloudy		MCD	23
24	62.0	29.288	-.098	29.190	30.15	22.4	21.4	19	86	.098	28.4	22.3	W	9			0	3 2	a. St. St.	NW W	Pt. Cloudy		MCD	24
25	55.0	29.181	-.078	29.103	30.06	22.2	21.2	19	86	.098	26.3	21.0	SW	10			0	3	St.	SW	Clear		MCD	25
26	59.0	29.468	-.090	29.378	30.34	29.2	26.7	22	72	.113	32.6	29.2	SW	6			0	9	St. Cu	SW	Cloudy		MCD	26
27	60.5	29.282	-.094	29.188	30.14	27.4	25.3	21	75	.108	34.2	27.2	S	8			0	0	0	0	Clear		MCD	27
28	65.0	28.573	-.103	28.470	29.39	38.0	37.5	37	96	.219	40.5	34.2	SE	8			.12	10	Nb.	SE	Lt. Rain		MCD	28
29	57.0	28.960	-.084	28.876	29.83	36.0	33.7	30	80	.164	38.4	36.0	W	14	44	SW	T	10	St. Cu	NW	Cloudy		MCD	29
30	58.0	29.170	-.086	29.084	30.03	25.8	23.7	19	74	.098	35.5	25.8	SW	11			0	0	0	0	Clear		[illegible]	30
31																								31
Sums		(a)	(a)	874.303	902.56	1269	1067.5	982	2488	5.804	(a)	(a)	(a)	239	(a)	(a)	1.05	191	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.143	30.085	37.6	35.6	32.7	82.9	.193	(a)	(a)	(c) SW	8.0	(a)	(a)	(a)	6.4	(c) St. Cu.	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	66.5	29.380	-.110	29.270	30.22	37.0	32.8	27	64	.143	40.2	34.2	SW	12			0	8	St.Cu	SW	Cloudy			A.S.B.	1
2	66.5	29.444	-.110	29.334	30.28	45.7	39.8	32	59	.180	49.8	29.6	S	9			0	0	0	0	Clear			A.S.B.	2
3	61.5	29.160	-.096	29.064	29.99	56.0	53.0	51	82	.373	60.2	42.0	SW	12	31	S	.02	10	St.Cu	SW	Cloudy			P.M.C.D.	3
4	66.[illegible]	29.475	-.109	29.366	30.32	47.0	43.8	41	78	.25[illegible]	50.8	45.2	NE				0	10	St.Cu	N	Cloudy			A.S.B.	4
5	66.0	29.518	-.109	29.409	30.36	47.1	41.8	36	64	.211	54.5	37.0	E	6			0	0	0	0	Clear			A.S.B.	5
6	67.0	29.414	-.111	29.303	30.24	58.3	48.3	38	47	.228	65.2	38.4	S	8			0	0	0	0	Clear			A.S.B.	6
7	69.5	29.372	-.117	29.255	30.19	55.2	51.0	48	75	.334	66.8	49.3	S	10			.02	10	St.	S	Cloudy			A.S.B.	7
8	69.0	29.142	-.116	29.026	29.96	57.6	54.8	53	84	.402	57.8	53.0	S	12			.49	10	St.	S	Cloudy			A.S.B.	8
9	66.0	29.328	-.113	29.215	30.15	41.0	38.0	34	77	.195	50.4	40.8	W	15	26	W	T	10	Nb	W	Lt. Rain			A.S.B.	9
10	64.5	29.586	-.105	29.481	30.43	41.4	37.2	32	68	.180	47.3	39.6	W	5			0	0	0	0	Clear			P.M.C.D.	10
11	65.5	29.528	-.107	29.421	30.38	40.8	36.5	31	66	.172	45.8	33.2	S	3			0	0	0	0	Clear			A.S.B.	11
12	65.5	29.324	-.107	29.217	30.16	46.0	41.8	37	71	.219	53.2	32.8	SW	6			0	0	0	0	Clear			A.S.B.	12
13	67.5	29.260	-.112	29.148	30.09	42.2	36.2	28	55	.150	48.8	32.8	W	3			0	0	0	0	Clear			A.S.B.	13
14	67.0	29.263	-.111	29.152	30.09	52.0	42.8	32	45	.180	60.3	31.9	SW	8			0	0	0	0	Clear			A.S.B.	14
15	68.5	29.212	-.114	29.098	30.03	54.8	46.7	39	54	.237	58.9	44.0	S	9			0	10	St.Cu	SW	Cloudy			A.S.B.	15
16	70.0	29.022	-.118	28.904	29.82	58.1	54.1	51	77	.373	58.1	50.4	SE	12			.32	2 5	ac.u St.Cu	SW SE	Pt. Cloudy			A.S.B.	16
17	68.5	28.646	-.113	28.533	29.44	54.6	52.6	51	88	.373	65.0	53.0	W	8			.05	10	Nb	W	Lt. Rain			P.M.C.D.	17
18	68.0	28.612	-.111	28.501	29.42	41.0	40.5	40	96	.247	49.5	41.0	W	18	25	W	.07	10	Nb	W	Lt. Rain			A.S.B.	18
19	65.0	28.802	-.104	28.698	29.63	41.2	40.7	40	96	.247	43.3	36.2	W	21			.02	10	Nb	W	Lt. Rain			A.S.B.	19
20	68.0	29.252	-.113	29.139	30.08	39.2	37.0	34	82	.195	43.7	38.3	NW	7			0	8	St.Cu	NW	Cloudy			A.S.B.	20
21	66.5	29.365	-.109	29.256	30.21	35.0	34.5	34	95	.195	37.8	35.0	NW	8			T	10	Nb	NW	Lt. Snow			A.S.B.	21
22	68.0	29.536	-.114	29.422	30.38	33.2	31.6	29	84	.157	37.1	32.3	NW	5			0	10	St.	NW	Cloudy			A.S.B.	22
23	68.5	29.451	-.115	29.336	30.30	28.4	26.9	24	82	.124	34.8	28.4	W	9			0	0	0	0	Clear			A.S.B.	23
24	58.0	29.160	-.086	29.074	30.03	26.3	24.2	20	74	.103	31.3	22.2	SW	10			0	0	0	0	Clear			P.M.C.D.	24
25	63.0	29.380	-.101	29.279	30.24	32.4	28.9	23	65	.118	36.1	21.8	SW	7			0	4	St.Cu	W	Pt. Cloudy			A.S.B.	25
26	66.5	29.276	-.109	29.167	30.12	34.2	30.8	26	68	.136	38.8	29.2	S	5			0	0	0	0	Clear			A.S.B.	26
27	66.5	29.156	-.109	29.047	30.00	40.5	34.0	24	50	.124	46.1	27.4	S	1			0	0	0	0	Clear			A.S.B.	27
28	59.0	28.562	-.087	28.475	29.40	38.2	34.1	28	66	.150	53.6	38.2	SW	37	48	SW	.24	10	Nb	SW	Lt. Rain			P.M.C.D.	28
29	64.0	29.142	-.102	29.040	29.99	35.5	31.4	25	64	.130	42.4	34.8	SW	8			0	0	0	0	Clear			A.S.B.	29
30	64.0	29.072	-.102	28.970	29.92	35.0	31.4	26	67	.136	38.3	25.5	SW	20	28	[illegible]	0	0	0	0	Clear			A.S.B.	30
31																									31
Sums		(a)	(a)	873.600	901.87	1294.9	1177.2	1034	2143	6.268	(a)	(a)	(a)	300	(a)	(a)	1.23	147	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.120	30.062	43.2	39.2	34.5	71.4	.209	(a)	(a)	(c) SW	10.0	(a)	(a)	(a)	4.9	(c) St.Cu	(c) W SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1917

Date.	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	40	34	6	5	37				R	---	H.N.A										.02				0	0	0	0	1
2	50	30	20	3	40																0				0	0	0	0	2
3	60	40	20	10	50				R	2:20p	2:45p	R	6:10p	6:15p							.07				0	0	0	0	3
4	51	41	10	4	46																0				0	0	0	0	4
5	54	36	18	1	45																0				0	0	0	0	5
6	65	35	30	5	50																0				0	0	0	0	6
7	61	47	14	4	54				R	5:00p	6:05p										.02				0	0	0	0	7
8	58	52	6	1	55				R	H.N.A.	7:30a	R	8:50a	4:15p	R	H.N.P.	---				.81				0	0	0	0	8
9	55	41	14	7	48				R	---	H.N.A	R	6:20p	H.N.P.							.16				0	0	0	0	9
10	47	36	11	6	42																0				0	0	0	0	10
11	46	32	14	3	39																0				0	0	0	0	11
12	53	33	20	4	43																0				0	0	0	0	12
13	49	33	16	2	41																0				0	0	0	0	13
14	60	30	30	4	45																0				0	0	0	0	14
15	59	42	17	5	50																0				0	0	0	0	15
16	58	50	8	4	54				R	6:10a	4:15p	R	9:20p	10:30p							.36				0	0	0	0	16
17	65	50	15	4	58				R	H.N.A	H.N.A.	R	12:40p	1:30p	R	6:32p	7:10p				.37				0	0	0	0	17
18	50	37	13	14	44				R	H.N.A	---										.11				0	0	0	0	18
19	43	35	8	5	39				R	---	10:25a	R	11:20a	11:30a	R	12:25p	---				.10				0	0	0	0	19
20	44	37	7	1	40				R	---	6:25a										.01				0	0	0	0	20
21	38	35	3	4	36				Sm	11:25a	12:10p	Sm	12:40p	8:30p							T				0	T	T	T	21
22	37	32	5	2	34																0				0	T	0	0	22
23	35	26	9	4	30																0				0	0	0	0	23
24	31	22	9	4	26																0				0	0	0	0	24
25	36	21	15	2	28																0				0	0	0	0	25
26	39	29	10	6	34																0				0	0	0	0	26
27	46	27	19	2	36																0				0	0	0	0	27
28	54	34	20	8	44				R	H.N.A	8:40a	R	1:35p	8:15p							.36				0	0	0	0	28
29	42	32	10	7	37																0				0	0	0	0	29
30	38	26	12	5	32																0				0	0	0	0	30
31																													31
S	1464	1055	409	136	1257		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.28		Total excess or deficiency since January 1,		0	T	(a)	(a)	(a)
M	48.8	35.2	13.6	4.5	41.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF November, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean 56.1.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.143	29.120	29.132	29.500	11	28.330	28	1.210	30.085	30.062	30.074	30.50	11	29.24	28	1.26
Corrected mean		29.125						Corrected mean		30.067	3,500-ft			10,000-ft	

TEMPERATURE.

Mean.									Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
Dry.			Wet.			Max.	Min.	Monthly. (g)												
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															
37.6	43.2	40.4	35.6	39.2	37.4	48.8	35.2	42.0				65	6	21	25	44	30	14	3	21

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.
32.7	34.5	33.6	82.9	71.4	77.2	.193	.209	.201	1	0	10	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7035	9.8	SW	48	SW	28	0	2	1	4	13	18	15	7	0

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.4	4.9	5.7	47	9	8	13	0	2	9

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		
—	—	2	17	28	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.	
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.			
	Amt.	Date. (k)	Amt.	Duration. h. m.	Date. (k)	Amt.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.	Total Depth. (o)	Average Depth at End of Month.
2.28	0.90	8-9	0			0			1	11	7	4	0	12	1	0	T	0

(w) Maximum precipitation in 5 minutes .06, date 17; 10 minutes .11, date 17; 15 minutes .14, date 17; 30 minutes .22, date 17; 1 hour .25, date 17; 2 hours .30, date 17.

EXCESSIVE.

Date.	Total Duration.		Total amount of precipitation.	Excessive Rate.		Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						None														

* The duration is the time precipitation was actually recorded.

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Prepared by W. S. Boller

P. M. Donough, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
5	1:00 pm	12:00 m	65.0	29.544	-.106	29.438	30.39	50.2	44.7	39	11	65	50.8	SE	8			0	1	Cu	S	Clear	Ordered C.70	A.S.B.	5
19	12:00 m	11:00 m	64.0	28.630	-.101	28.529	29.45	39.3	38.0	37	2	90	39.8	SW	16	22	SW	T	10	St Cu	SW	Cloudy	Ordered C.24 & Ordered C.70	A.S.B.	19
28	12 M	11 am	63.0	28.460	-.098	28.362	29.28	51.4	45.4	39	12	63	53.6	SW	38	48	SW	.23	9	St. Cu.	SW R	Cloudy		A.S.B.	28
11	11 am	10 am				29.540	30.50	41.0																	11
28	2 P.M.	1 P.M.				28.330	29.24	49.0																	28

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Indiana

For the Month of December, *1918*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 3366; No. of wet thermometer in use, 5905; No. of maximum thermometer in use, 15063; No. of minimum thermometer in use, 13802

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry & Calhoun streets room 911-912; first observation taken in present office, 7 a. m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1918

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	59.0	29.184	-.089	29.095	30.05	29.5	27.0	22	72	.113	35.0	29.5	SE	9	25	SW	0	9	St. Cu	SE	Cloudy		H.S.B.	1
2	58.0	28.971	-.086	28.885	29.82	36.7	32.6	26	65	.136	39.0	35.8	SW	13			0	10	St. Cu	SW	Cloudy		H.S.B.	2
3	62.0	28.860	-.096	28.764	29.70	34.3	33.8	33	95	.187	36.0	32.2	S	12			.04	10	St	S	Cloudy		H.S.B.	3
4	61.0	29.152	-.094	29.058	30.01	32.0	30.2	27	81	.143	37.0	30.8	W	15			T	10	Nb	W	Lt. Snow		H.S.B.	4
5	62.0	29.268	-.098	29.170	30.12	29.2	28.0	26	87	.136	30.8	28.5	SW	12			0	4 6	a St. St.	W SW	Cloudy		H.S.B.	5
6	62.5	29.400	-.099	29.301	30.25	32.0	29.6	26	75	.136	47.3	31.8	NW	7	37	N	0	2	St Cu	NW	Clear		H.S.B.	6
7	65.5	29.128	-.106	29.022	29.96	38.2	34.7	30	71	.164	38.2	35.2	S	9			0	2 7	a St. St.	N SW	Cloudy		H.S.B.	7
8	63.0	29.034	-.099	28.935	29.87	47.0	45.2	43	87	.277	51.0	46.1	SW	9			0	5 4	a St St.	W SW	Cloudy		H.S.B.	8
9	63.5	29.132	-.101	29.031	29.97	41.0	38.8	36	82	.211	50.3	40.8	E	15			T	10	St.	NE	Cloudy		H.S.B.	9
10	64.0	29.132	-.102	29.030	29.97	38.2	37.7	37	96	.219	40.7	38.0	E	14			T	10	St.	E	Cloudy		H.S.B.	10
11	65.5	29.242	-.106	29.136	30.08	40.0	38.8	38	90	.228	40.0	37.4	W	12			0	10	St.	NW	Cloudy		H.S.B.	11
12	65.5	29.520	-.107	29.413	30.37	33.3	31.0	28	78	.150	40.3	32.2	SW	4			0	2	a St.	NW	Clear		H.S.B.	12
13	66.0	29.028	-.107	28.921	29.86	42.0	41.5	41	96	.256	42.2	38.1	NE	6			46	10 Lt.	Nb Fog	NE NE	Lt. Rain		H.S.B.	13
14	68.0	28.992	-.112	28.880	29.81	43.0	43.0	43	100	.277	50.2	43.0	NW	9			.50	10 Lt.	Nb Fog	NW NW	Lt. Rain		H.S.B.	14
15	66.0	29.386	-.109	29.277	30.23	34.3	32.3	29	81	.157	39.4	34.0	NW	3			0	10	St. Cu	N	Cloudy		H.S.B.	15
16	64.5	29.606	-.105	29.501	30.46	32.3	31.5	31	92	.172	39.0	31.2	NW	3			0	few Lt.	a St Fog	NW NW	Clear		H.S.B.	16
17	64.0	29.684	-.104	29.580	30.54	30.2	29.5	28	93	.150	39.8	29.8	NE	6			0	Lt.	a St Fog	NW NE	Clear		H.S.B.	17
18	62.0	29.690	-.099	29.591	30.55	31.8	31.0	30	92	.164	35.5	31.8	E	8			0	10 Lt.	St. Fog	E E	Cloudy		H.S.B.	18
19	65.0	29.644	-.107	29.537	30.50	25.5	25.0	24	94	.124	41.6	25.5	E	5			0	few Lt.	a St. Fog	NW E	Clear		H.S.B.	19
20	65.0	29.494	-.106	29.388	30.34	37.0	36.3	36	93	.211	46.0	36.1	E	6			.04	10	Nb	E	Lt. Rain		H.S.B.	20
21	67.0	29.316	-.111	29.205	30.13	45.8	45.3	45	96	.298	48.2	43.8	SE	9			.91	10	Nb	SE	Lt. Rain		H.S.B.	21
22	68.0	29.154	-.112	29.002	29.93	49.0	47.5	46	90	.310	52.3	49.0	SW	8			22	7	St. Cu	SW	Pt. Cloudy		H.S.B.	22
23	66.0	29.422	-.109	29.313	30.26	36.1	34.2	31	83	.172	45.2	36.1	W	6			0	10	St. Cu	W	Cloudy		H.S.B.	23
24	65.0	28.814	-.104	28.710	29.65	34.0	33.5	33	95	.187	34.4	30.1	NE	25	25	NE	.20	10	Nb	NE	Lt. Rain		H.S.B.	24
25	64.0	28.990	-.102	28.888	29.84	27.0	25.8	24	86	.124	37.5	26.6	W	18			.04	10	St. Cu	NW	Cloudy		H.S.B.	25
26	58.0	29.250	-.086	29.164	30.12	20.0	18.7	16	81	.085	27.0	19.8	W	16			T	10	St. Cu	W	Cloudy		H.S.B.	26
27	59.0	29.142	-.089	29.053	30.01	24.2	23.5	22	91	.113	24.2	19.3	SW	9			T	10	Nb	SW	Lt. Snow		H.S.B.	27
28	64.0	29.144	-.102	29.042	30.00	21.0	20.4	19	92	.098	28.0	20.1	SW	6			.01	10	Nb	SW	Lt. Snow		H.S.B.	28
29	57.0	29.142	-.084	29.058	30.02	21.1	20.0	18	84	.093	24.8	18.2	W	8			T	10	Nb	W	Lt. Snow		H.S.B.	29
30	56.0	29.263	-.082	29.181	30.14	19.0	17.1	13	75	.074	25.5	19.0	SW	6			0	0	0	0	Clear		H.S.B.	30
31	60.0	29.090	-.091	28.999	29.94	41.0	40.5	40	96	.247	41.0	35.8	SW	8			.08	Dense	Fog	SW	Foggy		H.S.B.	31
Sums		(a)	(a)	903.130	932.50	1045.7	1004.3	941	2689	6.412	(a)	(a)	(a)	296	(a)	(a)	2.50	239	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.133	30.081	33.7	32.4	30.4	86.7	.175	(a)	(a)	(c) SW	9.5	(a)	(a)	(a)	7.7	(c) Nb	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne Ind, for the Month of December, 1918

Number of Station barometer, 656; sum of corrections, -009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	58.0	29.058	-086	28.972	29.92	39.0	34.8	29	66	.157	41.0	28.8	SE	14			0	10	St.	SE	Cloudy			N.S.B.	1
2	65.0	29.0[illegible]	-104	28.956	29.91	35.0	32.6	29	78	.157	40.0	31.8	W	12			T	10	St.	W	Cloudy			P.M.D.	2
3	65.0	28.860	-104	28.756	29.70	37.0	34.8	32	81	.180	46.0	34.3	W	18	36	W	T	9	St Cu.	W	Cloudy			P.M.D.	3
4	65.5	29.311	-107	29.204	30.15	30.2	28.2	25	78	.130	32.0	28.4	W	10			T	10	St.	W	Cloudy			P.M.D.	4
5	66.0	28.850	-106	28.744	29.67	47.3	41.3	34	60	.195	47.3	29.2	SW	19			0	10	St	NW	Cloudy			P.M.D.	5
6	68.5	29.452	-115	29.337	30.29	38.0	33.3	27	61	.143	42.0	32.0	SW	V			0	10	St.	SW	Cloudy			P.M.D.	6
7	68.0	29.042	-112	28.930	29.81	50.0	45.6	41	72	.2[illegible]	52.0	38.2	SW	12			0	7	a St.	NW	Pt. Cloudy			P.M.D.	7
8	64.0	29.128	-102	29.026	29.96	50.3	45.3	40	68	.247	56.0	47.0	SW	3			0	5	a Cu	W	Pt. Cloudy			N.S.B.	8
9	67.5	29.103	-111	28.992	29.93	40.7	40.2	40	96	.247	44.3	40.7	NE	12			.38	10	Nb.	NE	Lt. Rain			P.M.D.	9
10	70.0	29.095	-118	28.977	29.92	38.1	37.2	36	92	.211	39.1	35.8	NE	4			.42	10	St.	NE	Cloudy		B 9:00p E --- B --- E II.N.A	P.M.D.	10
11	70.5	29.382	-121	29.261	30.21	40.3	36.1	30	67	.164	46.2	38.0	SW	10			0	0	0	0	Clear			P.M.D.	11
12	69.0	29.405	-117	29.288	30.24	40.5	38.5	36	84	.211	42.8	33.3	S	6			T	10	Nb	S	Lt. Rain		B 8:55a E 12:00m	P.M.D.	12
13	70.5	28.992	-119	28.873	29.80	50.2	49.7	49	96	.347	53.6	41.8	NW	7			.66	10 Nb Lt.	Nb Fog	NW NW	Lt. Rain		B II.N.A	P.M.D.	13
14	70.5	29.160	-120	29.040	29.98	39.4	37.4	34	84	.195	43.0	39.4	N	10			.08	10	St.	N	Cloudy	E 10:45a		P.M.D.	14
15	66.5	29.486	-110	29.376	30.34	39.0	35.8	32	74	.180	43.2	34.3	NW	2			0	0	0	0	Clear	B 7:30a E 9:45a B II.N.A		N.S.B.	15
16	68.0	29.672	-115	29.557	30.52	39.8	36.6	32	74	.180	46.2	32.0	N	5			0	0	0	0	Clear	E 10:00a B II.N.A		P.M.D.	16
17	67.5	29.680	-114	29.566	30.53	35.5	34.0	32	86	.180	42.3	30.2	E	7			0	6 1	Cu St. St.	W E	Pt. Cloudy	E 9:45a B II.N.A		P.M.D.	17
18	70.0	29.672	-120	29.552	30.51	41.6	39.1	36	81	.211	46.0	30.2	E	9			0	5	a St.	NW	Pt. Cloudy	E 10:00a B II.N.A		P.M.D.	18
19	70.0	29.614	-119	29.495	30.46	46.0	40.0	32	59	.180	52.4	25.5	E	5			0	0	0	0	Clear	E 11:00a		P.M.D.	19
20	70.5	29.432	-121	29.311	30.25	48.2	43.1	37	66	.219	50.3	37.0	SE	9			.05	10	St	SE	Cloudy			P.M.D.	20
21	73.0	29.160	-126	29.034	29.96	52.0	51.0	50	94	.360	52.0	45.8	SE	10			.80	10	Nb.	SE	Lt. Rain			P.M.D.	21
22	66.0	29.236	-108	29.128	30.07	45.2	43.2	41	86	.256	52.0	44.0	SW	12			0	4	a Cu	SW	Pt. Cloudy			N.S.B.	22
23	72.5	29.385	-126	29.259	30.21	34.4	32.4	29	81	.157	40.0	34.4	NE	14			T	10	St.	NE	Cloudy			P.M.D.	23
24	69.0	28.742	-114	28.628	29.56	37.5	36.5	36	91	.211	41.4	34.0	SW	15			.32	10	Nb	SW	Lt. Rain			P.M.D.	24
25	62.0	29.124	-097	29.027	29.99	27.0	26.3	25	92	.130	30.0	26.4	W	12			T	10	Nb	NW	Lt. Snow			N.S.B.	25
26	63.5	29.240	-101	29.139	30.10	21.8	20.3	17	79	.089	25.0	16.0	SW	12			0	9	St Cu	SW	Cloudy			P.M.D.	26
27	69.0	29.175	-116	29.059	30.02	28.0	27.2	26	90	.136	29.0	24.2	SW	6			.04	10	Nb	SW	Lt. Snow			P.M.D.	27
28	67.0	29.171	-110	29.061	30.02	24.8	23.7	22	86	.113	24.8	21.0	SW	10			T	10	St.	SW	Cloudy			P.M.D.	28
29	58.[illegible]	29.242	-086	29.156	30.12	25.5	23.5	20	75	.103	25.8	20.0	SW	3			T	10	St	SW	Cloudy			N.S.B.	29
30	64.[illegible]	29.180	-102	29.078	30.03	37.0	36.2	35	93	.203	37.9	19.0	S	8			T	10	Nb	S	Lt. Rain			P.M.D.	30
31	67.5	29.032	-111	28.921	29.86	36.6	36.1	36	95	.211	41.0	36.3	NW	5			.02	10	Nb	NW	Lt. Snow	B 8:30a E 10:45a	B II.N.A E 8:30a	P.M.D.	31
Sums	(a)	(a)		902.703	932.09	1195.9	1120.0	1020	2485	5959	(a)	(a)	(a)	286	(a)	(a)	2.77	246	(a)	(a)	(a)	9	3	(a)	(a)
Means	(a)	(a)		29.119	30.067	38.6	36.1	32.9	80.2	.192	(a)	(a)	(c) SW	9.2	(a)	(a)	(a)	7.9	(c) St	(c) SW NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1918

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	41	29	12	3	35																0				0	0	0	0	1
2	40	32	8	1	36				Sm	3:05p	5:50p										T				0	T	0	T	2
3	46	32	14	3	39				Sm	H.N.A	H.N.A	R	5:25p	6:00p	Sm	7:15p	H.N.P.				.04				0	0.4	0	.04	3
4	32	28	4	9	30				Sm	H.N.A.	9:50a	Sm	11:15a	11:50a	Sm	1:10p	2:45p				T				0	T	0	T	4
5	47	28	19	8	38																0				0	0	0	0	5
6	42	32	10	1	37																0				0	0	0	0	6
7	52	35	17	7	44																0				0	0	0	0	7
8	56	45	11	6	50																0				0	0	0	0	8
9	46	39	7	8	42				R	H.N.A.	6:10a	R	12:00m	H.N.P.							.38				0	0	0	0	9
10	39	36	3	4	38				R	9:55a	3:45p										.42				0	0	0	0	10
11	46	36	10	3	41																0				0	0	0	0	11
12	43	32	11	3	38				R	4:20p	---										Ø.23				0	0	0	0	12
13	54	38	16	8	46				R	---	8:25a	R	10:15a	---							Ø1.14				0	0	0	0	13
14	49	37	12	3	43				R	---	3:55p										Ø.33				0	0	0	0	14
15	43	34	9	5	38																0				0	0	0	0	15
16	46	31	15	0	38																0				0	0	0	0	16
17	42	30	12	2	36																0				0	0	0	0	17
18	46	30	16	2	38																0				0	0	0	0	18
19	52	26	26	1	39																0				0	0	0	0	19
20	50	36	14	4	43				R	H.N.A	1:45p.	R	9:00p	---							Ø.48				0	0	0	0	20
21	52	44	8	5	48				R	---	---										Ø1.50				0	0	0	0	21
22	52	41	11	2	46				R	---	H.N.A										.04				0	0	0	0	22
23	41	32	9	10	36				R	11:13a	11:15a										T				0	0	0	0	23
24	41	30	11	0	36				R	H.N.A	10:45a	R	1:15p.	9:30p	Sm	9:30p	---				Ø.56				0	0	0	T	24
25	32	25	7	8	28				Sm	---	H.N.A	Sd	8:25a	10:30a	Sd	1:10p	H.N.P.				Ø T				0	T	T	T	25
26	25	16	9	8	20																0				0	T	0	0	26
27	29	21	8	5	25				Sd	H.N.A	---										Ø.04				0	0.4	0.3	Ø.04	27
28	25	20	5	3	22				Sd	---	10:45a	Sd	H.N.P	---							Ø.01				0	0.1	0.3	Ø.01	28
29	26	18	8	0	22				Sd	---	10:30a										T				0	T	0.3	T	29
30	40	19	21	8	30				R	5:05p	---										Ø.04				0	0	0	0	30
31	41	36	5	8	38				R	---	H.N.A	R	7:30a	8:15a	R	4:30p	---				Ø.09				0	0	0	0	31
S	1316	968	348	138	1140		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	5.30		Total excess or deficiency since January 1,		d	0.9	(a)	(a)	(a)
M	42.5	31.2	11.2	4.5	36.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated

SUMMARY FOR THE MONTH OF December, 1918

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.133	29.119	29.126	29.600	18	28.560	24	1.040	30.081	30.067	30.074	30.57	18	29.49	24	1.08
Corrected mean		29.120						Corrected mean		30.068	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
33.7	38.6	36.2	32.4	36.1	34.2	42.5	31.7	36.8				56	8	16	26	40	26	19	3	10

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
30.4	32.9	31.6	86.7	80.2	83.4	.175	.192	.184	6	0	17	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7092	9.5	SW	37	W	5	2	6	8	5	4	20	10	7	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.7	7.9	7.5	28	5	7	19	0	3	11

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	12, 13, 14, 15, 16, 17, 18, 19, 31	10, 11, 31	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
5.30	× 1.71	20-21	0			0			5	14	13	7	2	19	8	3	0.9	0

× from 7 pm of 20th to 7 pm 21st

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket rain gage not exposed after 10 dec of 32																				

* The duration is the time precipitation was actually recorded.

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Prepared by W. S. Boster

P. McDonough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne Ind, for the Month of December, 191?

Number of Station barometer, 6 ; sum of corrections, ... inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
5	3:00 pm	2:00 pm	68.0	28.954	-112	28.842	29.78	40.0	35.0	28	12	61	40.0	S	13			0	9	St. Cu	NW	Cloudy	Falling pressure 0.18 inch in 2 hours	Myers	5
30	1:00 pm	12:00 m	63.0	29.248	-100	29.148	30.11	32.0	29.8	27	5	77	32.0	SE	8			0	9	St. Cu	W	Cloudy	Ordinary a. 64 a	H. S. P.	30
18	10:00 am	9:00 am				29.600	30.57	30.0																	18
24	3:00 pm	2:00 pm				28.560	29.49	38.0																	24

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1002—Met'l.

U. S. Department of Agriculture,
WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1918

STATION

Fort Wayne, Indiana

LOCATION OF OFFICE DECEMBER 31, 1918.

Street, Corner of Berry & Calhoun

Number, 911-912 Shoaff Building

Room, 911-912

SUM OF BAROMETER CORRECTIONS.

From 8 00 a. m. Jan 1 to 8 00 p. m. Dec 31, inc., -.009 in.

From — m. — to — m. —, inc., — in.

From — m. — to — m. —, inc., — in.

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NOON, LOCAL MEAN TIME, OBSERVATION.*

AVERAGES.

Month.	Temperature. Dry.	Temperature. Wet.	Dew-Point.	Relative Humidity.	Vapor Pressure.	Clouds. Amount.	Clouds. Most Frequent Kind.	Clouds. Prevailing Direction.	Velocity (mph.).
Jan.,	14.8	13.5	9.8	76.8	.066	5.6	St.cu. St.	W NW	
Feb.,	30.9	28.1	23.X	73 ~~72.9~~	.145	5.1	St.	NW	
Mar.,	47.8	39.4	28.8	51.8	.162	3.8	St.	N NW	
April,	51.7	44.0	34 ~~33.7~~	56.4	.218	6.5	St.cu.	SW	
May,	72.1	61.0	54 ~~53.5~~	54 ~~53.9~~	.434	5.6	cu.	SW	
June,	75.4	62.8	54.8	50.8	.448	5.2	cu.	W	
July,	78.1	64.2	56 ~~56.6~~	48.X	.462	5.1	cu.	W	
Aug.,	82.9	67.8	60 ~~59.6~~	48 ~~47.5~~	.525	5.4	cu.	W	
Sept.,	63.3	54.2	47 ~~46.6~~	57.8	.334	5.8	cu	W NW	
Oct.,	60.6	52.5	45.X	60.2	.317	6.9	cu.St.	W	
Nov.,	46.3	40.9	34.8	64 ~~63.6~~	.209	5.8	St.cu.	NW	
Dec.,	39.1	36.1	32.0	76 ~~75.9~~	.187	7.0	St.	W	
Sum,	663.0	564.5	476 ~~475.8~~	713.X	3.507	67.8	---	---	
Mean,	55.2	47.0	40 ~~39.6~~	59 ~~59.4~~	.292	5.6	cu	W	

(1) * These observations were taken at 12:38 p.m., local mean time

ANNUAL METEOROLOGICAL SUMMARY FOR 1918.—STATION Fort Wayne, Indiana.

Latitude N. 41° 5'. Longitude W. 85° 10'. Local time – h. 41 min. (t) slower than 75th meridian time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 856 Feet. Mean. 8 a. m. (c)	Mean. 8 p. m. (c)	Mean. Corrected monthly. (c)	Highest observed. (c)	Date.	Lowest observed. (c)	Date.	Absolute range. (c)
	In.	In.	In.	In.		In.		In.
Jan.,	28.977	28.977	28.972	29.540	31	28.060	11	1.480
Feb.,	29.129	29.102	29.111	29.940	21	28.150	25	1.790
Mar.,	29.172	29.089	29.125	29.641	10	28.300	9	1.341
April,	29.095	29.092	29.089	29.600	9	28.450	17	1.150
May,	29.152	29.089	29.115	29.~~510~~ 460	1	28.400	10	1.~~110~~ 060
June,	29.081	29.036	29.054	29.313	8	28.680	11	0.633
July,	29.172	29.116	29.141	29.340	4	28.946	18	0.394
Aug.,	29.147	29.097	29.118	29.400	19	28.810	4	0.590
Sept.,	29.185	29.147	29.161	29.550	10	28.810	18	0.740
Oct.,	29.173	29.141	29.151	29.500	1	28.670	27	0.830
Nov.,	29.143	29.120	29.125	29.540	11	28.330	28	1.210
Dec.,	29.133	29.119	29.120	29.600	18	28.560	24	1.040
				a	a	a	a	
Sum,	349.559	349.125	349.282	Highest.	Date. Feb	Lowest.	Date. Jan	12.258
Mean,	29.130	29.094	29.107	29.940	21	28.060	11	1.022

MONTH.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d)	Mean. 8 p. m. (d)	From Self-Registering Instruments. Mean. Max. (d)	Mean. Min. (d)	Mean. Monthly. (d)	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Range. Mean daily. (d)	Mean daily change. (d)	No. of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.
	°	°	°	°	°	°		°		°	°	°			
Jan.,	8.4	13.5	18.9	3.9	11.4	37	25	-24	12	61	15.0	6.7	29	0	31
Feb.,	23.2	30.3	38.1	18.9	28.5	63	14	-10	5	73	19.2	9.6	10	0	24
Mar.,	35.1	47.1	54.6	32.1	43.4	77	21	18	10	59	22.5	7.5	1	0	20
April,	41.3	48.4	56.6	36.6	46.1	75	16	24	10	51	19.0	6.0	0	0	9
May,	61.6	68.7	76.5	55.6	66.0	89	31	35	1	54	20.9	5.0	0	0	0
June,	63.9	72.0	79.6	57.0	68.3	94	16	41	23	53	22.6	4.6	0	1	0
July,	65.9	74.8	82.0	60.5	71.2	93	26	50	31	43	21.5	3.7	0	7	0
Aug.,	69.0	79.2	86.8	65.8	76.3	102	5	52	1	50	20.9	3.5	0	9	0
Sept.,	51.5	59.6	66.5	47.7	57.1	80	1	36	22	44	18.7	4.3	0	0	0
Oct.,	49.2	57.6	64.2	46.6	55.4	76	4	35	1	41	17.6	5.6	0	0	0
Nov.,	37.6	43.2	48.8	35.2	42.0	65	6	21	25	44	13.6	4.5	1	0	10
Dec.,	33.7	38.6	42.5	31.2	36.8	56	8	16	26	40	11.2	4.5	6	0	17
						a	a	a	a						
Sum,	540.4	633.0	714.1	491.1	602.5	Max.	Date. Aug	Min.	Date. Jan	613	222.7	65.5	47	17	111
Mean,	45.0	52.8	59.5	40.9	50.2	102	5	-24	12	51	18.6	5.5	a	a	a

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

MONTH.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES.						DEW-POINT.			RELATIVE HUMIDITY (Percentage).			VAPOR PRESSURE.			PRECIPITATION. (Amount in inches and hundredths.) ELEVATION OF TOP OF GAGE ABOVE GROUND DEC. 31, 107 FEET.									SNOWFALL (total depth).
	SEA-LEVEL.		3,500-FOOT.		10,000-FOOT.		MEAN.			MEAN.			MEAN.			TOTAL AMOUNT.	GREATEST AMOUNT IN ANY 24 CONSECUTIVE HOURS.		EXCESSIVE.						
																			2.50 inches in 24 hours. (g) (h)			1 inch per hour. (g)			
	Pressure. (c)	Temperature. (d)	Pressure. (b)	Temperature. (d)	Pressure. (b)	Temperature. (d)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (c)	8 p. m. (c)	Monthly. (c)		Amt.	Date.	Amt.	Dur't'n. (h. & m.)	Date.	Amt.	Dur't'n. (h. & m.)	Date.	
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	29.943						6	10	8	88	83	85	.059	.067	.063	2.19	0.68	1-2	0			0			2.54
Feb.,	30.068						18	23	20	80	73	77	.118	.139	.128	2.27	0.81	11-12	0			0			.7
Mar.,	30.067						28	31	30	76	56	66	.157	.182	.170	1.62	0.97	13-14	0			0			0.4
April,	30.025						34	36	35	74	65	70	.205	.224	.214	2.00	0.57	17	0			0			T
May,	30.033						53	54	54	74	62	68	.426	.448	.437	2.74	0.70	11-12	0			0			0
June,	29.968						54	55	55	71	58	64	.435	.460	.448	3.06	2.04	27-28	0			1.02 (01)	0.16 (16)	27-28	0
July,	30.055						58	56	57	75	55	65	.491	.473	.482	1.37	0.46	16	0			0			0
Aug.,	[illegible]						62	62	62	78	57	67	.556	.566	.561	1.06	0.67	30-31	0			0			0
Sept.,	30.090						46	49	47	82	69	75	.322	.357	.340	6.19	4.17	4	4.17	13 30	4	1.30	0.57	4	0
Oct.,	30.080						44	47	45	82	69	76	.295	.331	.313	2.60	0.92	19-20	0			0			0
Nov.,	30.067						33	34	34	83	71	77	.193	.209	.201	2.28	0.90	8-9	0			0			T
Dec.,	30.068						30	33	32	87	80	83	.175	.192	.184	5.30	1.71	20-21	0			0			0.9
Sum,	360.490						466	490	479	950	798	873	3.432	3.648	3.541	32.68	a	a	a	a	a	a	a	a	28.4
Mean,	30.041						39	41	40	79	66	73	.286	.304	.295	a	4.17	Sept 4	a	a	a	a	a	a	a

b To hundredths. g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station Fort Wayne, Ind.

Month.	Mean Cloudiness (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	7.4	6.0	5.9	178.6	298.2	60	9017	SW	44	S	12	1	3	12	3	5	3	28	6	2	0	6	13	12	17	12	19	16	0	1	0	0
Feb.,	4.8	3.6	5.2	164.0	298.2	55	8635	SW	44	NW	25	3	1	4	3	6	7	20	7	8	0	10	8	10	10	8	5	3	1	6	3	0
Mar.,	3.8	3.7	3.9	265.0	370.8	71	7898	SW	55	W	9	1	4	13	9	0	4	18	5	9	0	17	6	8	8	7	5	1	0	2	3	1
April,	6.1	6.4	6.5	171.6	399.9	43	8810	NE	49	SW	29	1	6	15	11	5	6	8	7	2	0	6	9	15	15	10	1	0	0	1	4	0
May,	5.5	5.8	5.3	280.5	449.0	62	7800	SW	41	W	10	1	5	2	8	~~7~~ 3	13	21	~~7~~ 6	4	0	11	11	9	10	7	0	0	0	1	7	0
June,	5.2	4.6	5.3	274.7	452.0	61	5968	SW	38	NW	6	0	3	13	5	6	8	15	0	9	1	7	16	7	5	5	0	0	0	0	5	0
July,	4.1	4.4	4.5	282.2	458.3	62	4758	S	36	S	28	0	4	8	5	5	14	8	5	12	1	10	17	4	10	8	0	0	0	0	6	0
Aug.,	5.6	5.1	5.2	253.2	426.9	59	6068	SW	25	SW	8	0	5	11	6	3	7	20	1	9	0	7	17	7	7	4	0	0	0	0	3	0
Sept.,	5.1	4.9	5.4	211.5	374.0	57	5400	SW	33	SW	18	0	6	9	1	3	6	19	8	6	2	9	11	10	8	5	0	0	0	1	1	0
Oct.,	6.1	5.0	6.0	176.5	344.1	51	6535	SW	31	NE	18	0	1	10	9	4	12	9	9	6	2	6	12	13	8	7	0	0	0	2	1	0
Nov.,	6.4	4.9	5.7	140.1	297.0	47	7035	SW	48	SW	28	1	0	2	1	4	13	18	15	7	0	9	8	13	11	7	1	0	0	0	1	0
Dec.,	7.7	7.9	7.5	79.8	287.3	28	7092	SW	37	W	5	0	2	6	8	5	4	20	10	7	0	5	7	19	14	13	8	3	0	3	0	0
Sum,	67.8	62.3	66.4	2477	4455	656	85016	a	a	a	a	8	40	105	69	49	97	204	79	81	6	103	135	127	123	93	39	23	1	17	34	
								j	j	j	j																					
Mean,	5.6	5.2	5.5	206.5	371.3	55	a	SW	55	W	MAR 9	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

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Standard of time in local use, 90 meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	11.3	11.0	11.4	11.4	11.6	11.6	11.4	11.8	12.4	13.0	13.4	13.8	14.6	14.5	14.2	13.8	12.1	11.2	11.5	11.5	11.3	11.3	10.6	10.7	12.1
Feb.,	12.7	13.2	12.6	12.6	12.8	12.1	12.4	12.8	13.5	14.0	14.0	13.7	13.8	13.9	13.6	13.4	12.8	11.8	11.3	11.8	12.3	12.6	12.7	12.7	12.5
Mar.,	9.4	8.7	9.5	9.4	10.0	9.7	9.3	10.7	11.4	12.3	12.9	12.5	13.2	13.2	13.3	12.4	11.3	10.0	9.3	9.3	8.9	9.5	9.0	9.7	10.6
April,	9.9	9.8	9.8	9.9	9.7	10.0	10.9	12.2	13.3	14.4	15.0	14.2	15.0	15.7	15.7	15.4	14.8	13.2	11.6	11.1	10.7	11.0	10.1	10.2	12.2
May,	8.4	8.3	7.8	7.6	8.2	8.4	9.1	10.2	11.2	12.8	13.8	13.4	14.2	13.6	13.8	13.6	13.2	10.9	9.1	8.7	8.8	8.7	9.4	8.5	10.5
June,	5.8	5.8	6.0	6.6	6.8	6.9	7.5	8.5	9.6	10.0	10.7	10.6	11.4	11.3	11.9	11.2	10.9	9.9	7.6	6.6	6.3	6.0	5.4	5.8	8.3
July,	5.1	4.9	4.7	4.9	5.1	5.1	5.6	6.3	7.0	7.6	7.8	8.1	8.5	8.5	8.8	9.5	8.1	7.1	5.6	4.9	5.5	5.1	5.0	4.6	6.4
Aug.,	7.1	7.0	6.6	6.5	6.9	6.6	6.7	7.5	8.8	9.3	9.9	9.4	9.8	10.9	11.0	10.9	10.9	8.8	7.0	6.3	6.7	7.3	6.8	7.0	8.2
Sept.,	5.5	6.0	6.0	6.2	5.9	6.2	6.1	7.4	8.5	9.2	9.4	9.7	9.9	10.2	10.5	10.0	8.4	7.0	6.4	6.5	6.7	6.6	6.2	6.4	7.5
Oct.,	8.0	8.6	8.5	8.0	7.9	7.3	7.7	8.0	9.3	10.1	10.7	10.2	10.8	11.0	10.9	10.0	8.4	7.9	7.7	7.9	7.8	7.8	8.0	8.4	8.8
Nov.,	8.6	8.6	8.2	8.4	8.3	8.1	8.1	8.6	9.9	10.7	11.9	12.3	12.3	11.9	11.5	10.1	9.1	9.4	9.8	10.0	9.9	10.3	9.5	9.3	9.8
Dec.,	9.7	10.0	9.5	9.3	8.9	9.1	9.1	9.5	9.5	9.9	9.8	9.6	10.1	9.8	9.6	8.6	8.2	8.8	9.3	9.9	10.1	10.4	10.1	10.3	9.5
Sum,	101.5	101.9	100.6	100.8	102.1	10[illegible]	103.2	113.5	124.1	133.3	139.3	137.0	142.6	144.5	144.8	138.4	127.7	116.0	106.2	104.5	104.5	101.6	102.[illegible]	103.6	116.7
Mean,	8.5	8.5	8.4	8.4	8.5	8.4	8.7	9.5	10.4	11.1	11.6	11.4	12.0	12.0	12.1	11.5	10.6	9.7	8.8	8.7	8.7	8.9	8.6	8.6	9.[illegible]

Station Fort Wayne, Ind. Standard of time in local use, 90th meridian.

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTH.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by P. McDonough

P. McDonough
Weather Bureau.

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) January 1, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	12	11	11	9	11	12	12	13	13	15
State of weather: Nature of precipitation and time of beginning and ending							SNOW 6:14	–	–	–	–	–
Amounts of precipitation							–	–	–	–	–	–
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character	Time 7:06, Cloudy											
Moonrise	859 pm											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	7	7	7	9	8	8	7	10	10	11
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	14	14	15	15	15	15	15	15	15	15	14
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									Time 4:23, Cloudy			
Moonset									923 am			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	S	S	S	SE	SE	SE	SE	SE	SE	E	E
Wind movement	13	13	11	11	11	9	7	8	8	8	8	10
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
16	10	13	

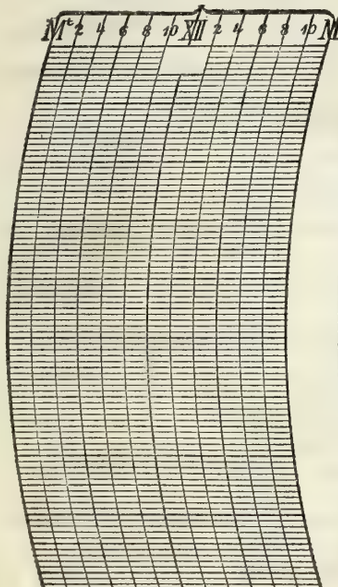
Total depth of snow for 24 hours ending 7 p. m., 5.2 inches.
Snow, sleet, and hail on ground 7 p. m., 5.2 inches.
Total snowfall, midnight to midnight, 6.3 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .44 ins.
Total precipitation, midnight to midnight, .56 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 215
Average hourly velocity, 9.0 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 1:37 pm Time ended, 1:41 p. m.
Reduced barometer, 30.14 7 a. m. 29.66 7 p. m.
River gage, 2.8 ft
Relative humidity, 92 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON. 12:38 p. m.
(Local Mean Time.)
Dry temperature, 15 Wet temperature, 15
Dew-point, 14 R. humidity, 93 V. pressure, .07
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

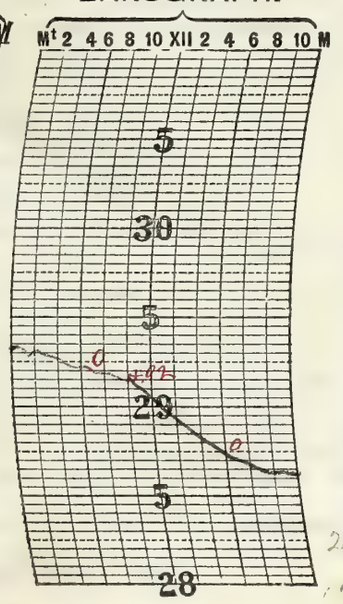
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

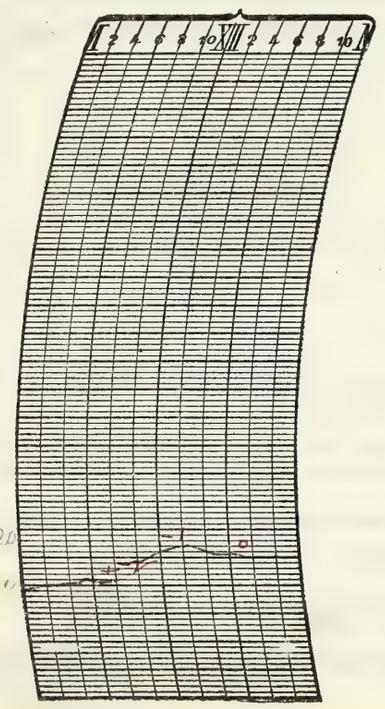
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

Snow began at 6:10 a.m. and fell steadily until after midnight. The sleet was unusually heavy and impeded traffic to some extent. Moderate winds prevailed and there was very little drifting. The temperature remained low throughout the day, the variation being slight.

Prepared by W. S. Butler

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) January 2, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	14	13	12	12	15	14	15	15	15	16
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	SqE 7:N				SqS 7:10	–	–	SqE 10:15	✓
Amounts of precipitation	–	–	–	–				–	–	–	–	
Cloudiness and other conditions							Clear			Bar		
Sunrise: Time, 7:06; Character, Cloudy												
Moonrise: 9:55 p.m.												
Sunshine (in tenths of hours)								0	0	0.5	1.0	1.0
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	14	15	15	17	17	15	21	22	25	27	25
Maximum velocities (exceeding 22 miles) direction and time										31 NE 9:47	35 NE 10:32	30 NE 11:15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	16	14	12	11	9	9	8	8	7
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, 4:24; Character, Clear												
Moonset: 9:46 a.m.												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2 0.8	0.4 0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	24	24	22	19	15	13	14	12	10	10	7	3
Maximum velocities (exceeding 22 miles) direction and time		30 NE 1:05										

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	7	12	

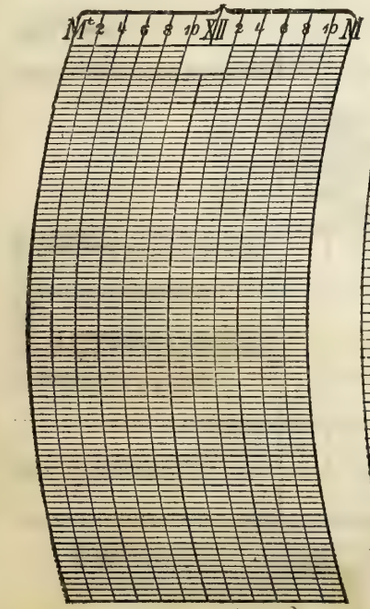
Total depth of snow for 24 hours ending 7 p. m., 3 inches.
Snow, sleet, and hail on ground 7 p. m., 5 inches.
Total snowfall, midnight to midnight, 2.0 inches.
Precipitation to 7 a. m., .24 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Ft Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 75
Prevailing wind direction, NE Total wind 400
Average hourly velocity, 16.7 Extreme velocity, 38 NE
Maximum velocity, 3 Direction, NE
Time began, 9:47 a.m. 11:25 a.m.
Reduced barometer, 29.79 7 a. m. 30.21 7, p. m.
River gage, 2.6 ft
Relative humidity, 86 7 a. m. 81 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

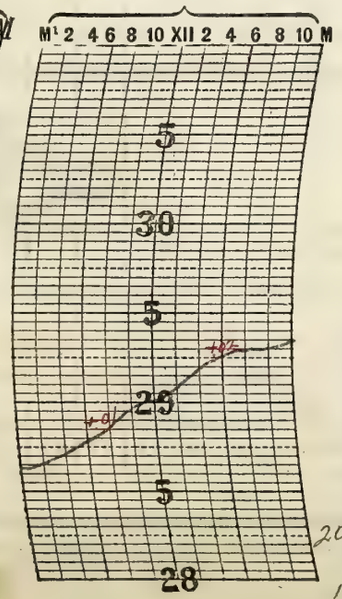
OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 15.8 Wet temperature, 15.2
Dew-point, 14 R. humidity, 90 V. pressure, .077
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

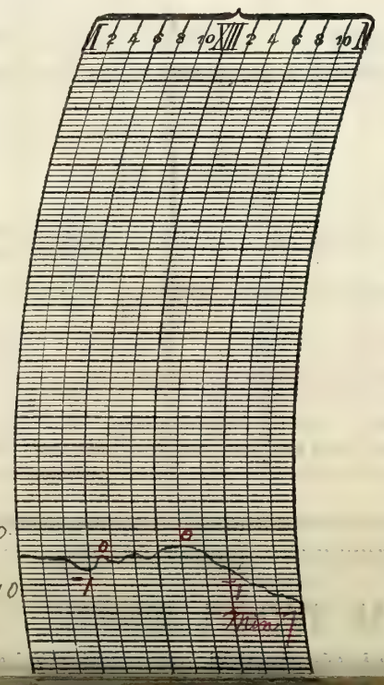
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The snow which continued from last night and during the night of the 2 m., and there was snow flurries from 7:10 a.m. to 10:15 a.m. The northeasterly winds caused considerable drifting and in various places in the city the drifts were quite large. The day cleared about 11:00 a.m. and clear skies prevailed during the remainder of the day. The weather continued cold, with slight variation in temperature.

Prepared by J. V. Baker

Verified by P. McDermott

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) January 3, 1918

Time (local standard), Cmer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	5	4	3	3	4	4	3	6	10	14	15	16	15	16	16	16	14	14	13	13	13	12	12
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear			→	×	Pt.	Cloudy	×			Cloudy					→		
Sunshine (in tenths of hours)								0.7 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0							
Wind direction	N	NE	N	N	NE	NE	NE	N	N	NE	NE	NE	E	NE	E	E	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	6	7	5	6	7	6	6	3	4	6	7	6	6	5	6	3	5	4	4	4	4	5	4	4
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 7:06 Character, Clear
Moonrise: 10.53 P.M.
Sunset: Time, 4:25 Character, Cloudy
Moonset: 10.09 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

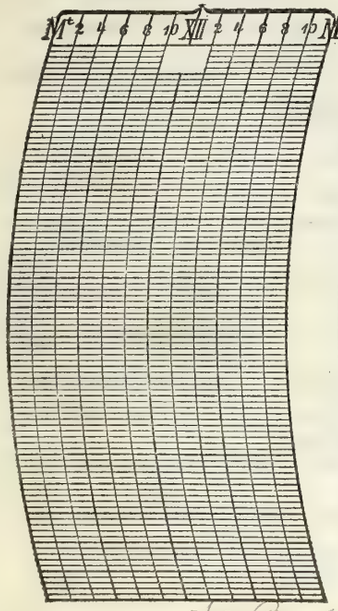
	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	16	2	9	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 8.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, 4 Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.4 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 80
Prevailing wind direction, NE+SE Total wind
Average hourly velocity, 5.1 Extreme velocity, 16 NE
Maximum velocity, 16 Direction, NE
Time began, 1.10 a.m. 1.10 a.m.
Reduced barometer, 30.34 7 a. m. 30.25 7, p. m.
River gage, 2.4 ft
Relative humidity, 78 7 a. m. 92 7 p. m.

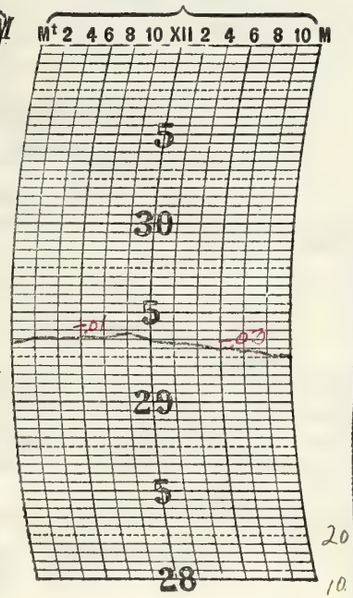
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 14.0 Wet temperature, 12.8
Dew-point, 9 R. humidity, 78 V. pressure, .060
Clouds: Amount, 3 ; Kind, Cst. ; Direction, NW
Velocity of clouds (miles per hour)

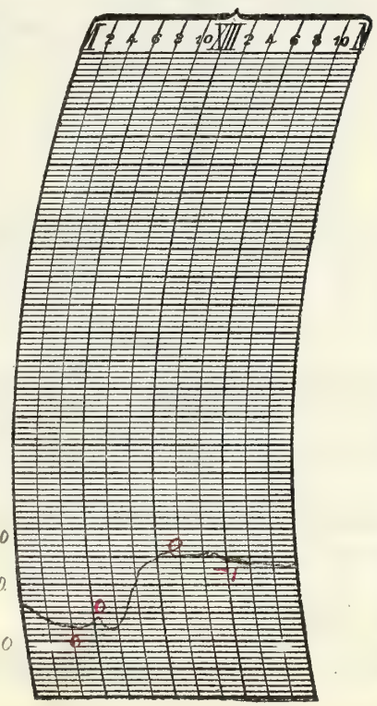
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather ranged from clear in the forenoon to cloudy in the afternoon and night. The temperature varied between 20° and 16°; cold and unpleasant. Some of the down town sidewalks somewhat slippery.

Prepared by J. S. Parker

Verified by W. H. Gaugh

2—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) [illegible], 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	11	11	11	12	13	14	15	17	19	20
State of weather: Nature of precipitation and time of beginning and ending										S48 SE		
Amounts of precipitation										—		
Cloudiness and other conditions						Cloudy —						
Sunshine (in tenths of hours)								0	0	0.4	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	4	4	5	6	6	8	8	6	10	9	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	22	23	23	20	18	17	15	14	14	11	12
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy —					Clear —						
Sunshine (in tenths of hours)	#1.0	#0.8	#1.0	×.03 0.2	×.04 .3							
Wind direction	SE	SE	SE	SE	SE	SE	E	SE	E	SE	E	E
Wind movement	7	10	8	8	4	5	5	4	4	6	5	4

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 11:52 P.M.
Sunset: Time, 4:26 Character, Clear
Moonset: 10:32 A.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

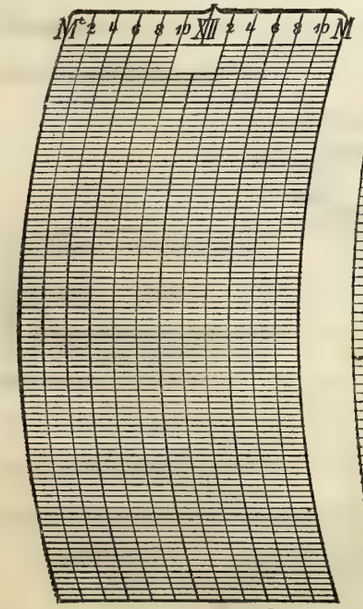
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	11	17	

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.
Snow, sleet, and hail on ground [illegible] p. m., [illegible] inches.
Total snowfall, midnight to midnight, [illegible] inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, [illegible] inches.
Character of day, Partly Cloudy Moon phase, [illegible]
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 66
Prevailing wind direction, SE Total wind 147
Average hourly velocity, 6.1 Extreme velocity, 15 SE
Maximum velocity, 13 Direction, SE
Time began, 7:53 a.m. [illegible]
Reduced barometer, 30.08 7 a. m. 29.87 7 p. m.
River gage, 2.4 ft
Relative humidity, 72 7 a. m. 87 7 p. m.

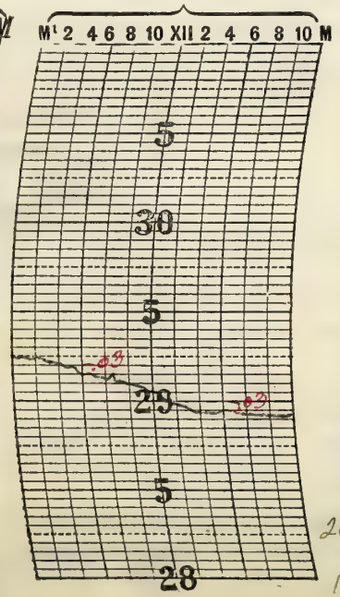
OBSERVATIONS AT ~~12 NOON~~. 12 88 p.m.
(Local Mean Time.)

Dry temperature, 19.2 Wet temperature, 17.1
Dew-point, 11 R. humidity, 68 V. pressure, .066
Clouds: Amount, 10; Kind, St; Direction, SE
Velocity of clouds (miles per hour)

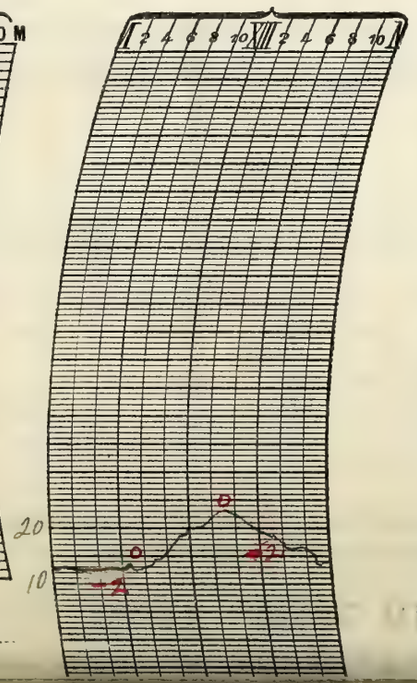
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



× From eye observations
Sun shining through detached clouds

NOTES.

Generally partly cloudy but clear from 4:00 p.m. Somewhat higher temperatures, but the weather was cold and disagreeable.

Prepared by N. S. Baxter

Verified by C. M. C. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) January 5, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	12	11	11	11	11	11	12	15	19	22	24	24	25	25	24	23	23	24	24	24	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								X Pt. Cloudy		Cloudy							
Sunshine (in tenths of hours)								X 0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	E	NE	NE	NE	NE
Wind movement	5	4	6	6	6	8	7	8	10	11	8	6	9	10	10	12	11	12	11	14	13	12	14	15
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:06; Character, Cloudy. Moonrise: ---

Sunset: Time, 4:27; Character, Cloudy. Moonset: 10:56 AM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	11	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 7.7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy. Moon phase, Last Quarter 5:50 a.m.

Average daily cloudiness (0-10), 4.4

Actual sunshine, hours, 6.2 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 66

Prevailing wind direction, E Total wind 227

Average hourly velocity, 9.5 Extreme velocity, 20 - NE

Maximum velocity, 17 Direction, NE

Time began, 11:52 a.m. 11:52 p.m.

Reduced barometer, 29.84 7 a. m. 29.77 7, p. m.

River gage, 2.4

Relative humidity, 87 7 a. m. 96 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m. (Local Mean Time.)

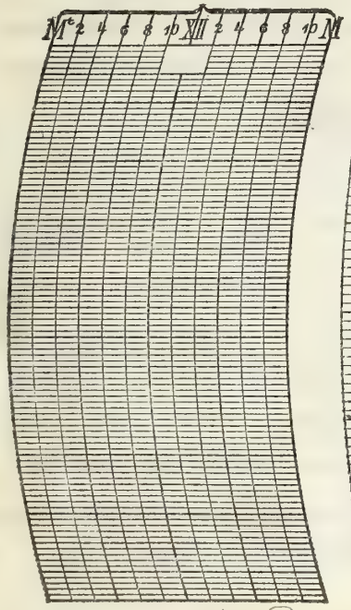
Dry temperature, 22.4 Wet temperature, 20.2

Dew-point, 14 R. humidity, 67 V. pressure, .077

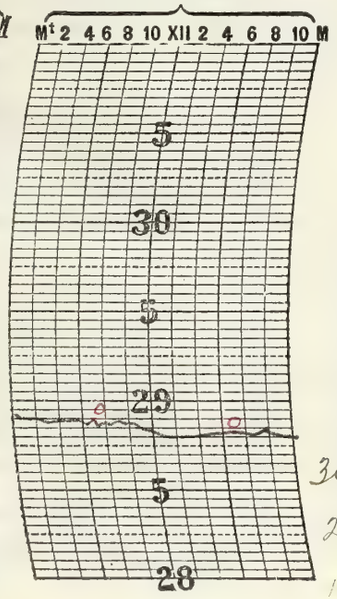
Clouds: Amount, 1; Kind, Cu. St.; Direction, NW

Velocity of clouds (miles per hour)

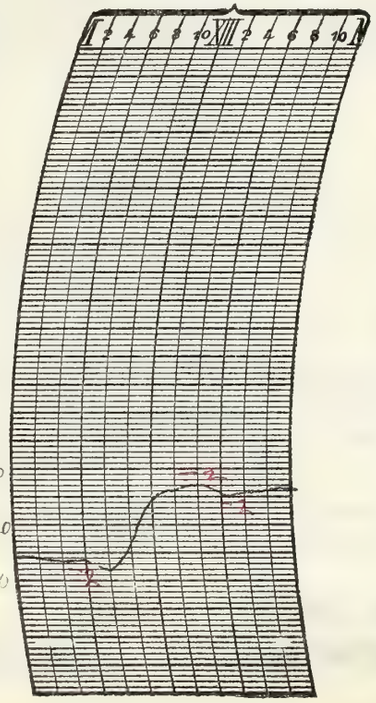
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. X Sunrise obscured by a small bank of pt. clouds. Moderately low but slowly rising temperature; clear first half of day, but latter half partly cloudy to cloudy.

Prepared by W. S. Baker

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) February 6, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	22	22	23	24	24	24	24	24	26	27	28
State of weather: Nature of precipitation and time of beginning and ending		SI-B 40	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation		–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions											C	10
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	17	17	19	21	22	23	21	20	23	19	20	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	29	30	30	32	34	34	33	31	31	31	30
State of weather: Nature of precipitation and time of beginning and ending	SI-E 12:25 RB 2:30	–	–			RE 5:45						
Amounts of precipitation	–	–	–	–	–	–						
Cloudiness and other conditions	10	10	10									
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	NE	E	E	E	SE	S	SW	SW	S	SW	S
Wind movement	16	13	9	10	8	7	16	16	16	13	14	13

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 12:51 pm

Sunset: Time, 4:28 Character, Cloudy
Moonset: — —

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

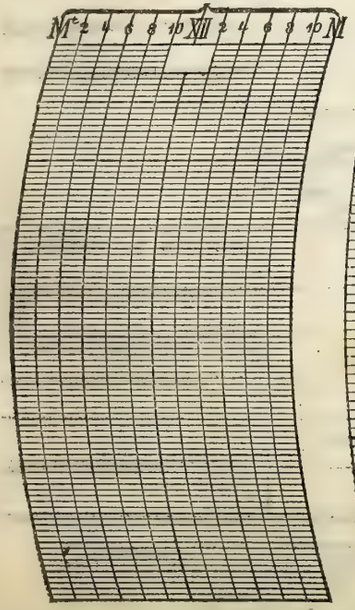
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	22	28	

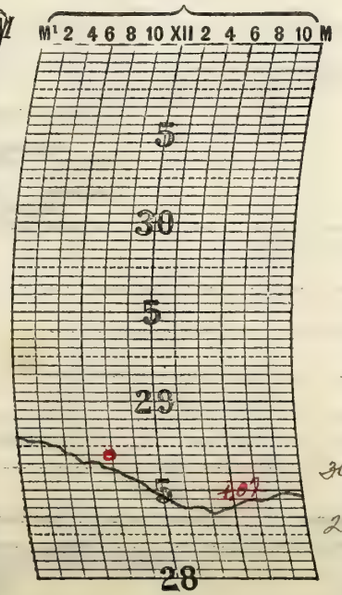
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4 inches.
Total snowfall, midnight to midnight, — inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, — inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10),
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 389
Average hourly velocity, — Extreme velocity, 32-NE
Maximum velocity, 29 Direction, NE
Time began, 5:18 a. m. 5:18 a. m.
Reduced barometer, 29.57 7 a. m. 29.39 7, p. m.
River gage, 2.5
Relative humidity, 94 7 a. m. 81 7 p. m.

OBSERVATIONS AT ~~12 NOON~~, 12:38 pm.
(Local Mean Time.)
Dry temperature, 28.0 Wet temperature, 28.0
Dew-point, 28 R. humidity, 100 V. pressure, .150
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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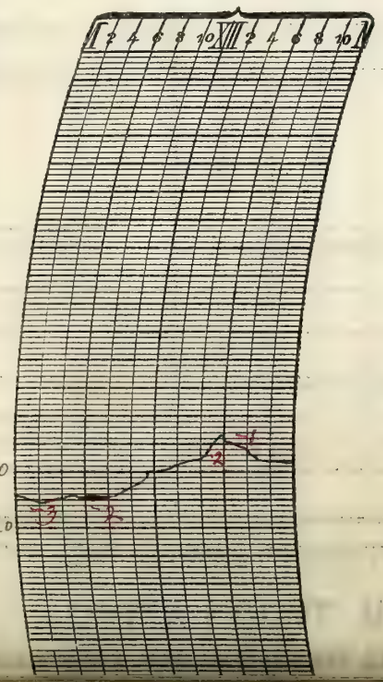


NOTES.

Sleet began during the early morning and continued until 12:25 pm, when rain began and continued until 5:18 pm. The total depth of sleet was 0.8 inch. The streets and sidewalks were coated with glazed ice, making pedestrianism both difficult and dangerous. In the evening, however, the icy streets thawed to a considerable extent and it was not quite so difficult to get about. There was considerable ice trouble and traffic was impeded. Sleet formed on the exposed sides of pipes and wires to a depth of more than one half inch, while on the side the depth was somewhat more than one fourth inch.

Morning of a moderate cold wave was received 2-10:10 a. m.

Prepared by W. S. Baker

Verified by C. McDonnell

Form No. 1014—Mar.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) January 7, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	28	26	22	21	21	20	22	22	24	22	23	23	24	23	23	22	21	21	21	18	18	18
State of weather: Nature of precipitation and time of beginning and ending				Snow 3:45	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Snow 9:15		
Amounts of precipitation					–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)								0	0	*0.1	*0.8	0	*0.4	0	0	0	0							
Wind direction	SW	S	S	S	S	S	S	S	S	SW	W	W	W	NW	NW	W	W	NW	NW	W	W	W	W	W
Wind movement	15	14	13	9	14	13	9	8	6	7	8	14	15	14	17	16	15	12	7	12	16	18	17	17
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 1:55 A.M.
Sunset: Time, 4:29 Character, Cloudy
Moonset: – –

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

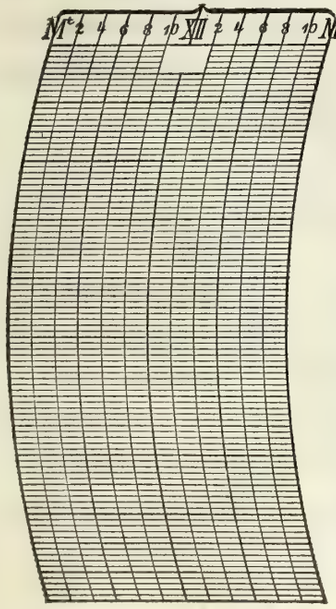
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	18	24	

Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 6.5 inches.
Total snowfall, midnight to midnight, 0.43 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.3 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 14
Prevailing wind direction, N Total wind 306
Average hourly velocity, 12.8 Extreme velocity, 23
Maximum velocity, 21 Direction, NW
Time began, 2:31 p.m.
Reduced barometer, 29.42 7 a. m. 29.4 7 p. m.
River gage, 2.3
Relative humidity, 100 7 a. m. 97 7 p. m.

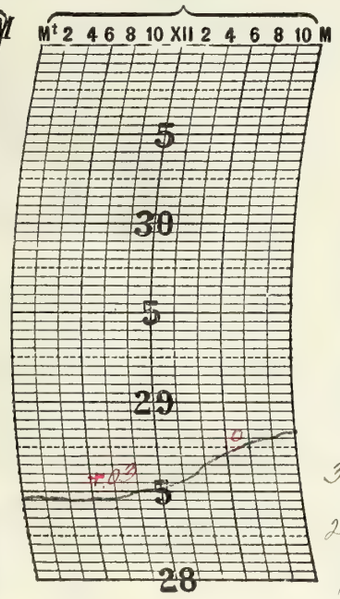
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 21.7 Wet temperature, 20.9
Dew-point, 19 R. humidity, 89 V. pressure, .098
Clouds: Amount, 10; Kind, St.; Direction, NW
Velocity of clouds (miles per hour)

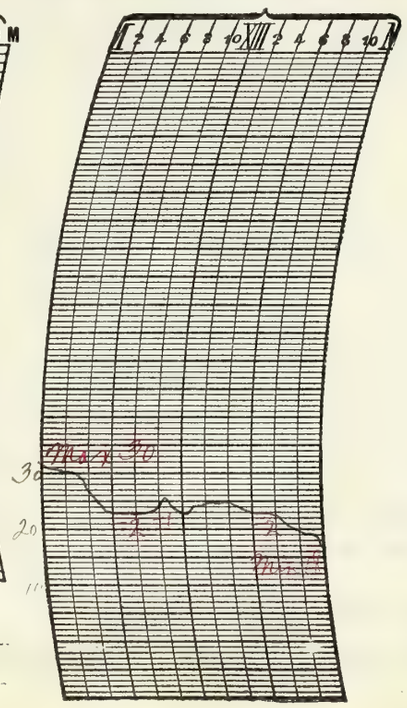
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by
Verified by

2—486

NOTES.

o Estimated
* Sun shining through breaks in clouds

Continued cold weather, with light snow from the early morning until 9:16 p.m. Sidewalks icy and dangerous. Considerable ice formed on north side of exposed buildings.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Yates, (Day of week) Sa, (Date) January 5, 1918

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	11	10	10				6	1	7	10	14	1.	13	15	15	14	14	13	12	11	11	10	1.	
State of weather: Nature of precipitation and time of beginning and ending					SNW					SNI												SNB		
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions						K		Cloudy		K			H.		Cloudy			K		Clear				
Sunshine (in tenths of hours)								0	0	0.8	1.0	1.0	1.0	1.0	1.0	0								
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW	SW	SW	W	SW	SW	SW
Wind movement	15	14	14	16	13	13	13	15	13	12	13	12	17	12	11	8	6	6	7	6	8	8	9	8
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:06; Character, Cloudy. Moonrise: 2:57 A.M.

Sunset: Time, 4:30; Character, Cloudy. Moonset: 12:35 P.M.

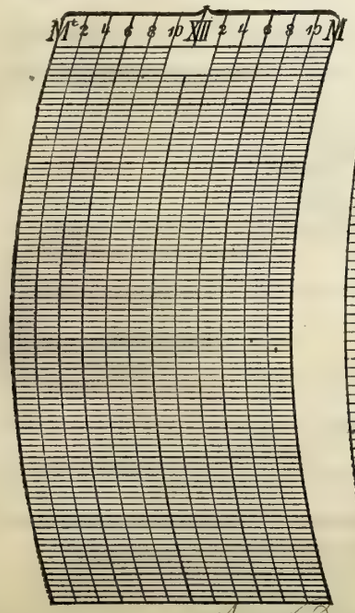
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
8		12	

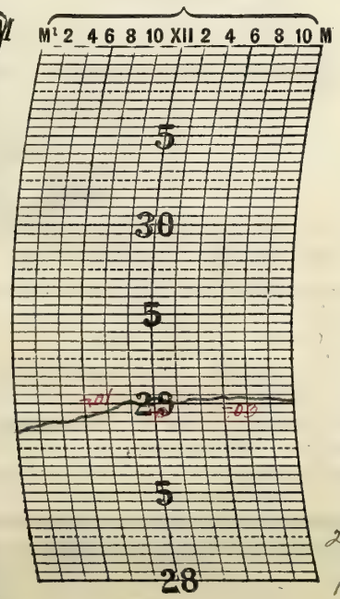
Total depth of snow for 24 hours ending 7 p. m., 2 inches.
Snow, sleet, and hail on ground 7 p. m., 2 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .1 ins.
Total precipitation, midnight to midnight, .25 inches.
Character of day, Rain. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.2 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 66
Prevailing wind direction, SW Total wind 269
Average hourly velocity, Extreme velocity,
Maximum velocity, 19 Direction, W
Time began, 12:14 p.m.
Reduced barometer, 29.88 7 a. m. 29.45 7 p. m.
River gage, 2 – ft.
Relative humidity, 85 7 a. m. 77 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm
(Local Mean Time.)
Dry temperature, 16.1 Wet temperature, 14.3
Dew-point, 9 R. humidity, 70 V. pressure, .060
Clouds: Amount, 4; Kind, Cu St.; Direction, NW
Velocity of clouds (miles per hour)

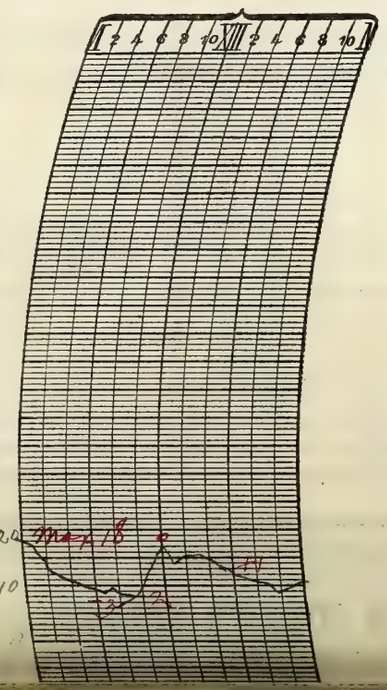
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated.
Sun shining through break in clouds

The weather was generally partly cloudy and cold, with light snow in the forenoon and late night. Sidewalks icy.

Prepared by H. S. Baker
Verified by P. McDonough

Form No. 1014—Mar'

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Wednesday, (Date) January 9, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	13	13	13	12	11	10	14	7	10	12	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions					Cloudy					× Pt Cloudy		
Sunrise: Time, 7:06 Character, Cloudy												
Moonrise: 4:00 A.M.												
Sunshine (in tenths of hours)								0	0	0.4	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	8	7	10	9	12	11	11	9	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	17	17	17	17	16	16	16	16	16	14	13
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	SNE HN	
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	
Cloudiness and other conditions					× Clear			× Pt Cloudy		× Cloudy		
Sunset: Time, 4:31 Character, Cloudy												
Moonset: 1:22 PM												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	SW
Wind movement	15	15	15	14	13	13	14	12	11	8	9	9

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	4	10.5	✓

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow, sleet, and hail on ground 7 p. m., 7.2 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 6.2 Possible sunshine, hours, 9.1

Per cent of possible sunshine, 68

Prevailing wind direction, SW Total wind 266

Average hourly velocity, 11.1 Extreme velocity,

Maximum velocity, 19 Direction, W

Time began, 12:45 PM

Reduced barometer, 29.94 7 a. m. 30.02 7 p. m.

River gage, 2.3

Relative humidity, 91 7 a. m. 97 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM
(Local Mean Time.)

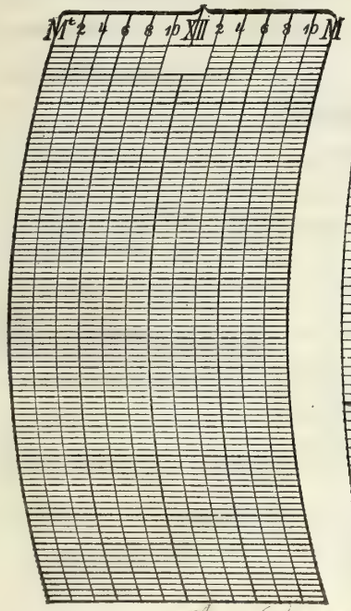
Dry temperature, 14.2 Wet temperature, 13.0

Dew-point, 9 R. humidity, 78 V. pressure, 0.65

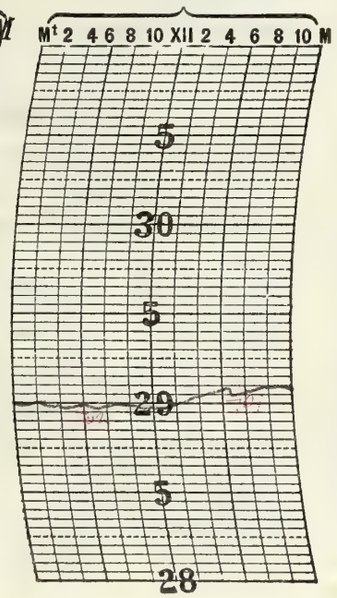
Clouds: Amount, 3; Kind, Cu. St.; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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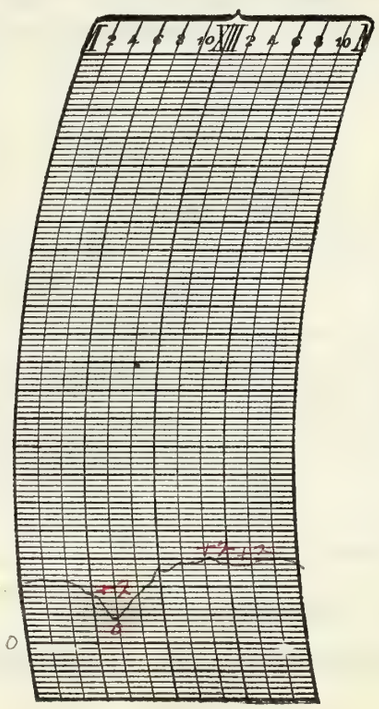


Prepared by

Verified by

8—486

NOTES.

0 Estimated

The light snow that began last night continued as flurries during the day and ended late at night. Continued cold and cloudy weather.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Tuesday, (Date) January 10, 191

Time (local standard), mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour		1[illegible]	[illegible]					1[illegible]	2[illegible]	21	24	24	25	25	25	25	24	23	20	20	20	19	19	18
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy						Pt. Cloudy											
Sunshine (in tenths of hours)								0	0	0.8	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	NW
Wind movement	10	8	9	11	9	8	7	7	8	7	9	9	9	10	10	7	6	6	7	6	4	5	3	3
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 7:16 Character, Cloudy

Moonrise: 5:40 A.M.

Sunset: Time, 4:32 Character, Cloudy

Moonset: 2:18 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., 1 inches.

Snow, sleet, and hail on ground 7 p. m., inches.

Total snowfall, midnight to midnight, inches.

Precipitation to 7 a. m., .17 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 6.3 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 67

Prevailing wind direction, W Total wind 178

Average hourly velocity, 7 Extreme velocity,

Maximum velocity, 12 Direction,

Time began, 2:51 a. m.

Reduced barometer, 30.0[illegible] a. m. 30.05 p. m.

River gage, 2.4 ft.

Relative humidity, 90 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 12:38 P.M.
(Local Mean Time.)

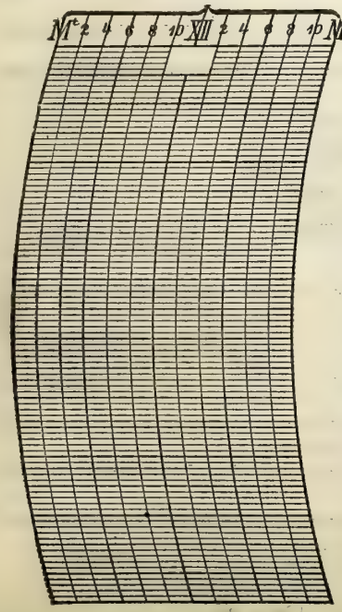
Dry temperature, 24.0 Wet temperature, 21.2

Dew-point, 15 R. humidity, 64 V. pressure, 0.87

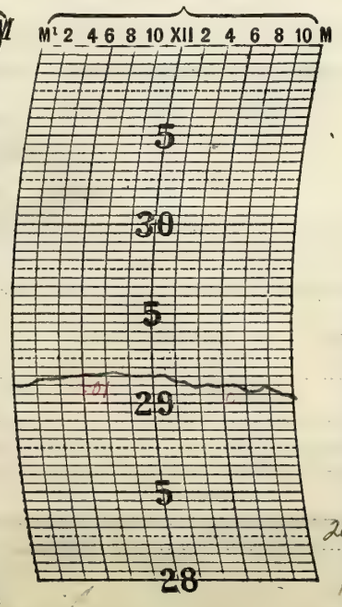
Clouds: Amount, 1; Kind, Cirr.; Direction, NW

Velocity of clouds (miles per hour)

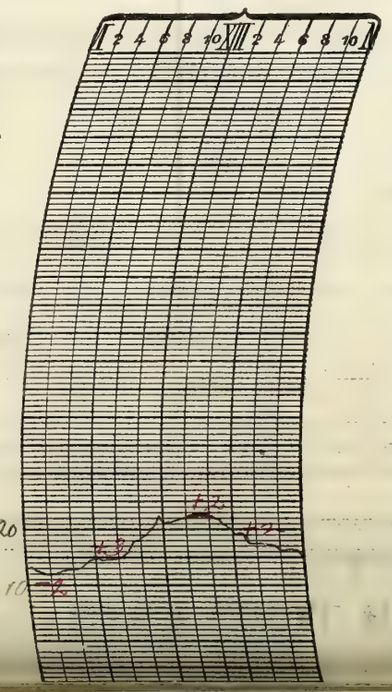
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy and continued cold weather.

Form special ordered by the Central Office.

Prepared by W. S. Baker

Verified by P. W. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) January 11, 1918

Time (local standard), ____ mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	15	16	16	16	16	17	18	19	20	20	21	21	21	22	22	22	21	21	21	20	10	3
State of weather: Nature of precipitation and time of beginning and ending										SNB 9:50	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation										–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions										Cloudy														

Sunrise: Time, 7:15; Character, Cloudy. Moonrise: 5:56 a

Sunset: Time, 4:33; Character, Cloudy. Moonset: 3:23 PM

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0.5	0	0	0	0	0	0							
Wind direction	NW	NW	NW	E	NE	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NW	NW	W	
Wind movement	1	2	3	4	3	5	6	8	9		10	12	14	14	14	16	14	11	9	5	7	9	17	26
Maximum velocities (exceeding ____ miles) direction and time																								31 W 11:00

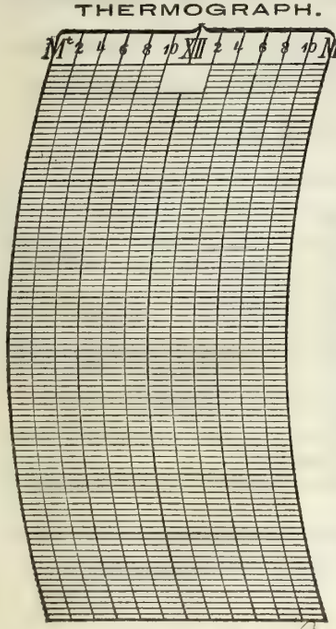
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	3	1	✓

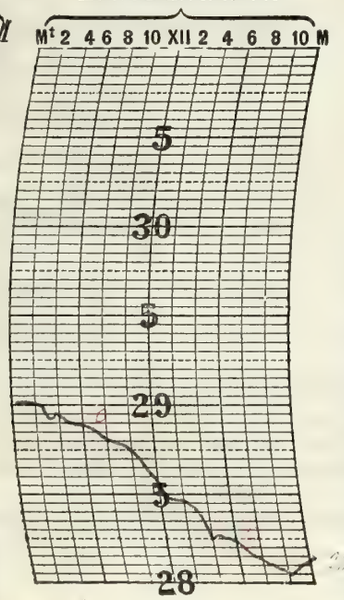
Total depth of snow for 24 hours ending 7 p. m., 4.7 inches.
Snow, sleet, and hail on ground 7 p. m., 10.7 inches.
Total snowfall, midnight to midnight, 4.7 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .37 ins.
Total precipitation, midnight to midnight, 0.42 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 5
Prevailing wind direction, NE Total wind 2[illegible]
Average hourly velocity, 9.5 Extreme velocity, 3[illegible]
Maximum velocity, 31 Direction, W
Time began, 11:09 P. M.
Reduced barometer, 29.80, 7 a. m. 29.127, p. m.
River gage, 2.4 ft.
Relative humidity, 85 7 a. m., 100 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 20.3 Wet temperature, 19.3
Dew-point, 17 R. humidity, 85 V. pressure, .089
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

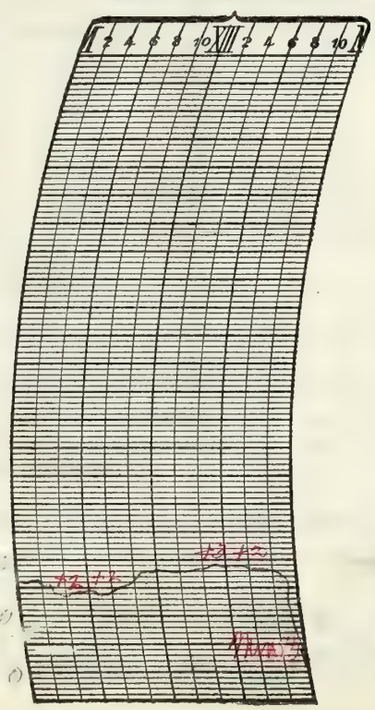
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES.

(Estimated) Sun shining through detached clouds.

The Central Office ordered a special meteorologist to Chicago.

A Cold wave warning was received at 9:32 am. The flags were immediately hoisted, and the information telephoned to transportation companies and interested persons.

Cloudy, with snow from 9:50 am; moderate temperature prevailed during the day, but the weather became decidedly colder after 4 pm. The pressure fell rapidly and decidedly after [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 12 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-7	-11	-14	-16	-19	-22	-23	-24	-23	-21	-19	-18	-16	-14	-13	-10	-4	-9	-7	-1	-5		
State of weather: Nature of precipitation and time of beginning and ending			SnE																					
Amounts of precipitation																								
Cloudiness and other conditions										Pt. Cloudy						Cloudy								
Sunrise: Time, 7:15; Character, Cloudy																								
Moonrise: 6:45 A.M.																								
Sunset: Time, 4:32; Character, Cloudy																								
Moonset: 4:34 P.M.																								
Sunshine (in tenths of hours)										10	10	10	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	31	32	33	34	31	23	31	3[illegible]	[illegible]	[illegible]	35	3[illegible]	34	36	39	37	35	34	31	32	28	28	27	28
Maximum velocities (exceeding miles) direction and time	37 SW 12:03	37 SW 1:35	39 SW 2:05	39 SW 3:45	38 SW 4:55	39 SW 5:04	35 SW 6:[illegible]	37 SW 11:34	37 SW 8:57	33 SW 9:27	40 SW 10:54	47 SW 11:57	4[illegible] S [illegible]	42 S [illegible]	42 [illegible]	45 S 3:[illegible]	40 S 4:30	39 S [illegible]	35 SW 6:16	36 SW 7:16	32 SW 8:05	31 SW 9:14	30 SW 10:40	30 SW 11:[illegible]

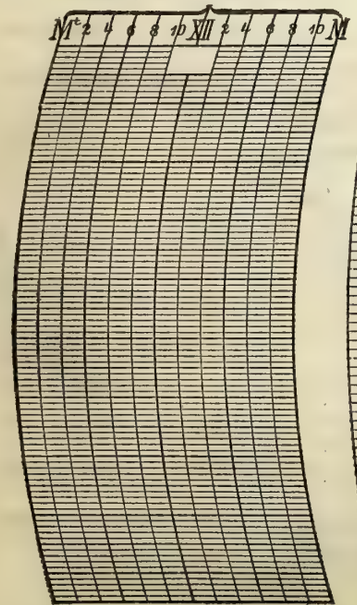
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

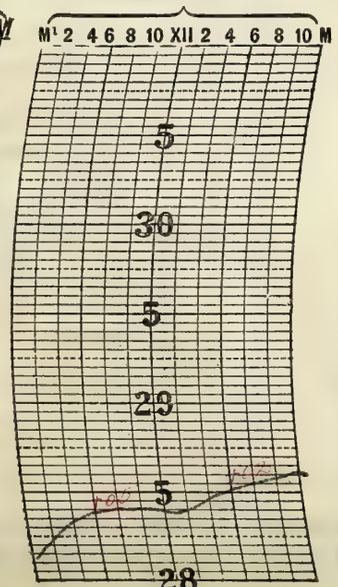
Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.
Snow, sleet, and hail on ground [illegible] p. m., [illegible] inches.
Total snowfall, midnight to midnight, [illegible] inches.
Precipitation to [illegible] a. m., .10 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .005 inches.
Character of day, Pt. Cloudy; Moon phase, [illegible]
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.5; Possible sunshine, hours, 9.[illegible]
Per cent of possible sunshine, 37
Prevailing wind direction, SW; Total wind 7[illegible]
Average hourly velocity, 32.4; Extreme velocity, 5[illegible]
Maximum velocity, 44; Direction, S
Time began, 12:08 P.M.
Reduced barometer, 29.43 7 a. m. 29.57 7 p. m.
River gage, 3.4 ft
Relative humidity, 82 7 a. m. 55 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, -14.2; Wet temperature, -14.8
Dew-point, -22; R. humidity, 62; V. pressure, .01
Clouds: Amount, 10; Kind, St; Direction,
Velocity of clouds (miles per hour)

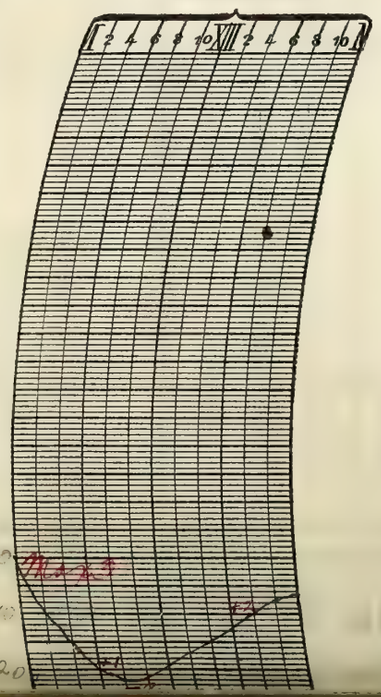
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Barker

Verified by P. Moisonnault

NOTES.

* Estimated

The cold snap warning of yesterday was fully verified at 8 a.m. observation, the temperature having fallen 41° in twelve hours or from 24° at the previous observation of the 11th to 20° below zero at the 8 a.m. observation [illegible] and between 7 and 8 am it fell still further to 23.6 below zero, which is the lowest temperature in the history of the Fort Wayne Station. Strong southwest winds carrying drifting snow made it nearly impossible for people to travel in the open. There was much distress and there were at least many cases of frost-bitten hands, feet, and faces, and at least one death, due to exposure, reported in the local press. Local business was practically suspended; and traffic in inter-state and local, was impeded by the high winds and large snow drifts

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 13 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-3	-2	-1	-1	-1	-1	-2	-1	0	3	5	7	9	10	9	9	8	9	9	10	9	9	10
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									C		1	4	2											
Sunshine (in tenths of hours)								0.4 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.1							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	26	23	24	24	23	23	22	24	24	26	25	26	27	21	20	19	18	17	17	17	17	16	15	16
Maximum velocities (exceeding ___ miles) direction and time												31 SW 11:55												

Sunrise: Time, 7:00 Character, Cloudy

Moonrise: 7:27 AM

Sunset: Time, 4:35 Character, Clear

Moonset: 5:48 PM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	-4		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 11.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 9.1 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 96

Prevailing wind direction, SW Total wind 508

Average hourly velocity, 21.2 Extreme velocity, 36

Maximum velocity, 31 Direction, SW

Time began, 11:05 a.m.

Reduced barometer, 29.82 a. m. 30.00, p. m.

River gage, 2.4 ft.

Relative humidity, 93 a. m. 73 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

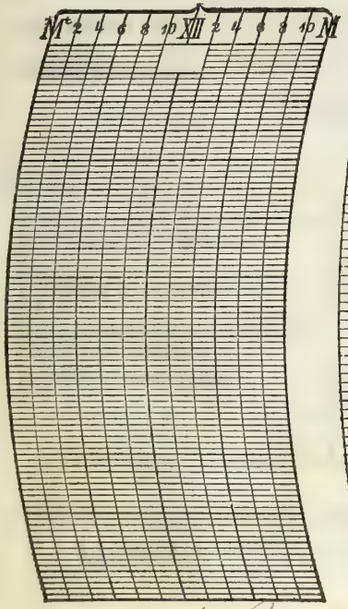
Dry temperature, 6.4 Wet temperature, 4.4

Dew-point, -6 R. humidity, 51 V. pressure, .028

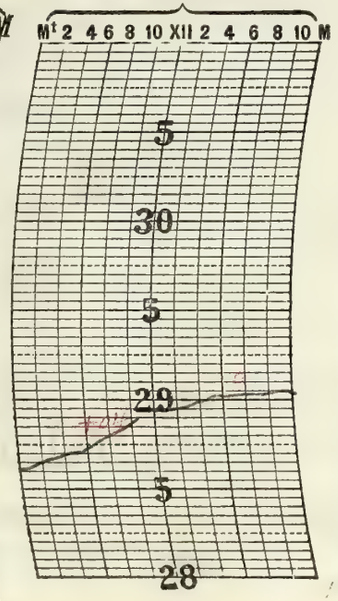
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

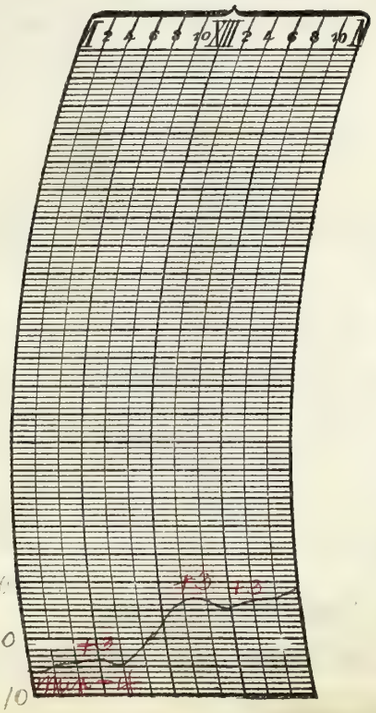
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* From gage at Pennsylvania

Generally clear weather. Extremely cold, but moderating. Quite strong westerly winds continued throughout the day. Pavements in dangerous condition owing to ice forming. Inter-Urban Railway cars suspended due to snow blocks and local transportation impaired to a very limited extent.

Prepared by J. S. Barker

Verified by C. M. Hennegan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 14 1918, 191

Time (local standard), ____ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10						10	11	14	15	17
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7:31 Character, Cloudy												
Moonrise: 8:03 A.M.												
Sunshine (in tenths of hours)								0	0	1.0	1.0	*1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	14	14	11	10	7	7	7	9	10	7	5
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	19	18	17	17	16	15	15	14	15	15
State of weather: Nature of precipitation and time of beginning and ending									Snow 8:30			
Amounts of precipitation									—	—	—	—
Cloudiness and other conditions					Cloudy							
Sunset: Time, 4:31 Character, Cloudy												
Moonset: 7:04 P.M.												
Sunshine (in tenths of hours)	*1.0	*0.7	0	0	0							
Wind direction	SW	S	S	E	E	NE	NE	NE	NE	NE	NE	N
Wind movement	4	4	3	3	6	5	7	10	10	11	8	7
Maximum velocities (exceeding ____ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20			

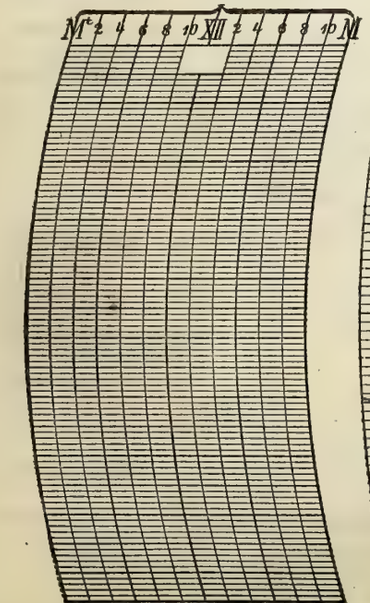
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., ____ inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.06 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.5 Possible sunshine, hours, 7.1
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind 195
Average hourly velocity, 5.4 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 12 57 a. m.
Reduced barometer, 29.99 a. m. 29.69, p. m.
River gage, 2.7
Relative humidity, 87 7 a. m. 97 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1238 p.m.
(Local Mean Time.)
Dry temperature, 17.3 Wet temperature, 16.1
Dew-point, 13 R. humidity, 80 V. pressure, .074
Clouds: Amount, 10; Kind, St; Direction, S
Velocity of clouds (miles per hour)

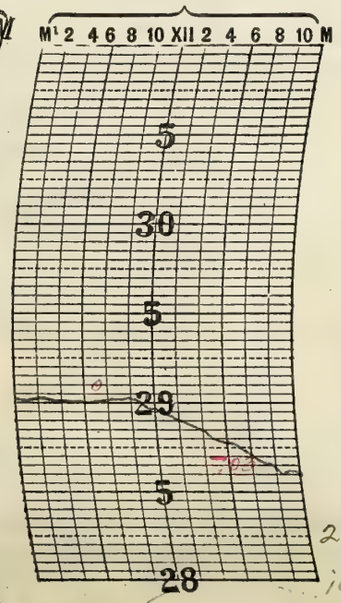
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

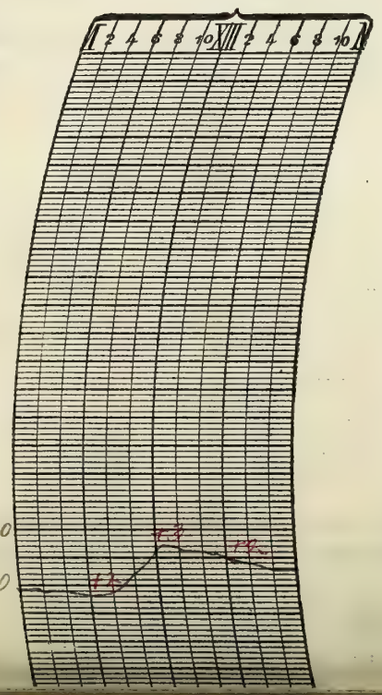
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W S Baker
Verified by J M Hermann

NOTES.

O Estimated
* Sun shining through detached clouds.

Cold but moderating, increasing cloudiness
decreasing pressure with light snow
Continued from 8:30 pm
Sidewalks dangerous due to icy snow
covering.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) JAN 15 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	14	14	14	[illegible]	14	12	9	8	8	8
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	SNE 9:30		
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–		
Cloudiness and other conditions	Cloudy									Pt Cloudy		
Sunrise: Time, Character,	7:00 Cloudy											
Moonrise:	8:35 AM											
Sunshine (in tenths of hours)								0	0	0.4	1.0	1.0
Wind direction	N	N	N	NW	NW	W	W	W	W	W	SW	SW
Wind movement	9	9	12	11	10	8	10	10	14	14	14	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	9	9	7	5	4	4	3	2	2	3	2
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character,									4:22 Cloudy			
Moonset:									8:20 PM			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2							
Wind direction	SW	N	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	17	15	13	16	13	15	13	15	14	13	12

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

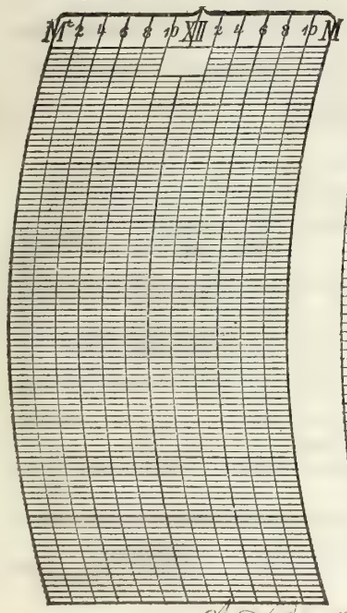
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	2	8	

Total depth of snow for 24 hours ending 7 p. m., 2.6 inches.
Snow, sleet, and hail on ground 7 p. m., 12+ inches.
Total snowfall, midnight to midnight, 17 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6 Possible sunshine, hours, 9
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind 309
Average hourly velocity, 12.9 Extreme velocity, 23
Maximum velocity, 24 Direction, SW
Time began, 12:55 p.m.
Reduced barometer, 29.54 a. m. 29.80 p. m.
River gage, 2.6 ft.
Relative humidity, 96 a. m. 84 p. m.

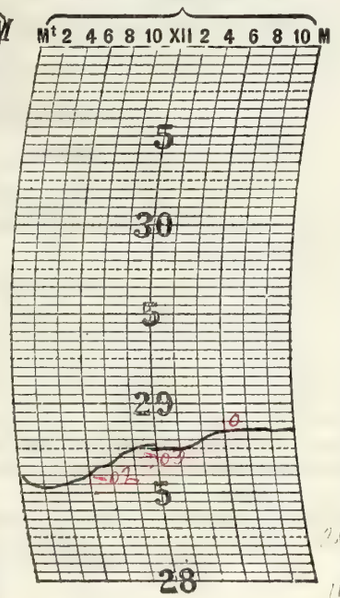
OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 8.9 Wet temperature, 7.6
Dew-point, 2 R. humidity, 71 V. pressure, 0.14
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

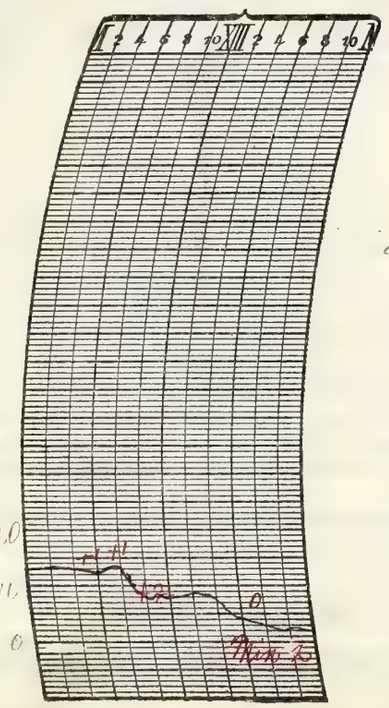
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES.

6 Estimated
Sunset obscured by a bank of ci st. clouds

The snow continued from last night — ended at 9:30 am

Considerable cloudiness in the forenoon, but afternoon generally clear. Cold, with falling temperature from the morning observation.

See Carter's hourly notes made walking to Supervisor

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 16 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	2	2	2	3	3	4	5	6	10	14	17	19	22	22	22	21	19	19		18	15	15	14	11
State of weather: Nature of precipitation and time of beginning and ending																			Sn 6:35				Sn L. Sn H.	
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy				Clear			Pt. Cloudy							Cloudy				

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 9:44 AM
Sunset: Time, 4:39 Character, Cloudy
Moonset: 9:33 PM

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1							0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	12	13	13	13	16	14	13	13	11	12	16	12	14	15	14	12	10	7	11	11	15	14	13	11
Maximum velocities (exceeding ___ miles) direction and time																								

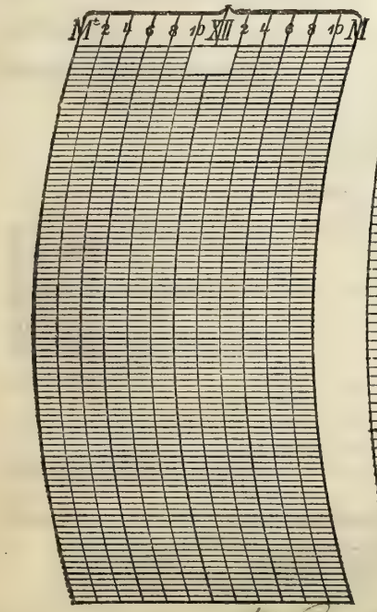
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	2	12	

Total depth of snow for 24 hours ending ___ p. m., 0 inches.
Snow, sleet, and hail on ground ___ p. m., 0 inches.
Total snowfall, midnight to midnight, ___ inches.
Precipitation to ___ a. m., 0 ins.; to ___ p. m., 1 ins.
Total precipitation, midnight to midnight, ___ inches.
Character of day, Pt Cloudy Moon phase, ___
Average daily cloudiness (0-10), ___
Actual sunshine, hours, 7.3 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 76
Prevailing wind direction, SW Total wind 305
Average hourly velocity, 12.7 Extreme velocity, 16
Maximum velocity, 17 Direction, SW
Time began, 8:44 P.M.
Reduced barometer, 29.71 a. m. 26 p. m.
River gage, 2.34
Relative humidity, 92 a. m. 74 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12.38 P.M.
(Local Mean Time.)
Dry temperature, 18.8 Wet temperature, 15.6
Dew-point, 7 R. humidity, 55 V. pressure, 0.24
Clouds: Amount, 7; Kind, Strat; Direction, SW
Velocity of clouds (miles per hour) ___

THERMOGRAPH.



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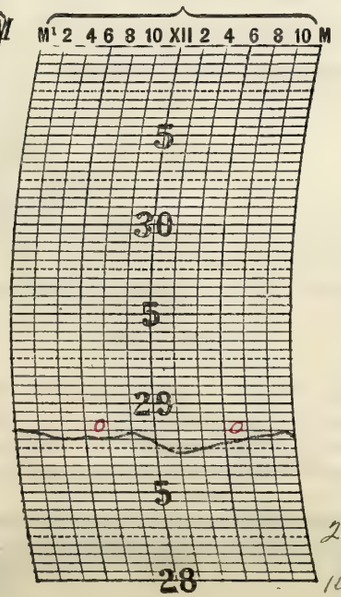

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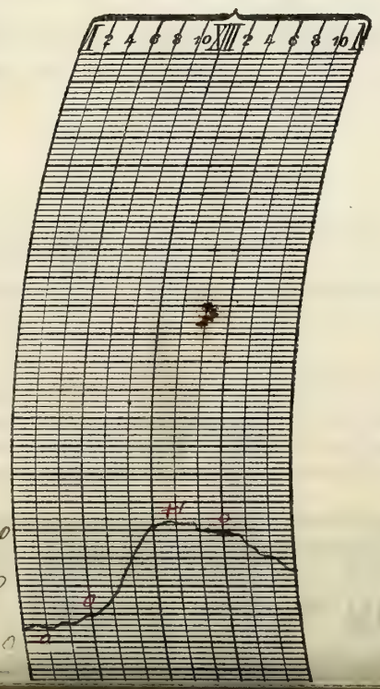


NOTES.

Day generally partly, with snow flurries beginning at 6:35 pm and ending during the late night. Weather cold and unpleasant, but with moderating temperature.

Sidewalks covered with hard packed snow and ice.

Prepared by N S Parker

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Thursday, (Date) JAN 17 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	11	12	13	13	14	14	15	15	16	17	16	16	15	14	12	12	11	8	5	3	1	-1
State of weather: Nature of precipitation and time of beginning and ending						1	SNB 6:15	–	–	–	–	SNE 11:00	1					1	SNB 6:00	–	SNE 8:10	1		
Amounts of precipitation							–	–	–	–	–	–							–	–	–			
Cloudiness and other conditions										Cloudy														
Sunshine (in tenths of hours)								0	0	*0.5	*1.0	*1.0	*1.0	*1.0	*0.7	*0.7	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	W	W	W	SW
Wind movement	10	11	12	11	13	15	14	13	13	18	19	20	20	22	21	19	15	12	12	13	12	14	11	9
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:23; Character, Cloudy. Moonrise: 9:34 AM

Sunset: Time, 4:50; Character, Cloudy. Moonset: 10:46 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

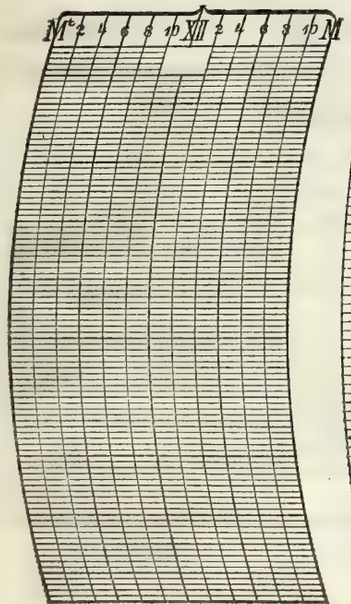
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	-1	8	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 13.5 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.9. Possible sunshine, hours, 9.2
Per cent of possible sunshine, 61
Prevailing wind direction, Total wind 349
Average hourly velocity, 14.5 Extreme velocity, 28
Maximum velocity, 24 Direction, SW
Time began, 1:26 P.M.
Reduced barometer, 29.78 7 a. m. 29.90, p. m.
River gage, 2.3
Relative humidity, 92 a. m. 94 p. m.

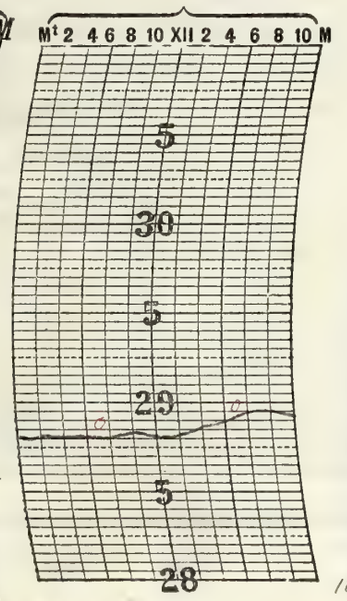
OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 15.0 Wet temperature, 13.0
Dew-point, 10 R. humidity, 79 V. pressure, 0.63
Clouds: Amount, 8; Kind, St Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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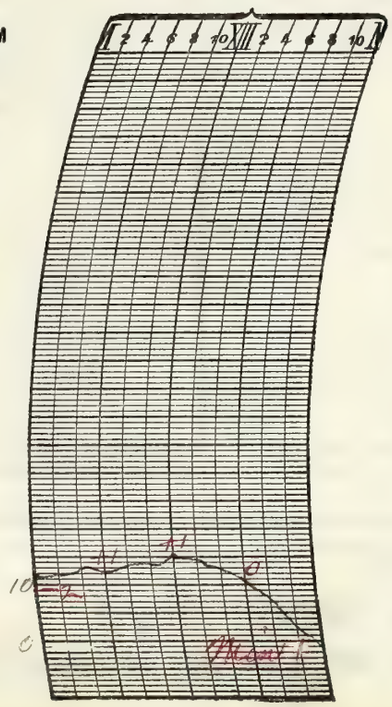


Prepared by N. S. Barnard

Verified by

8—456

NOTES.

* Sunshining through detached clouds

Generally cloudy with snow flurries in the forenoon and early night. Continued cold and unpleasant.

Sidewalks, as a rule, covered with packed snow and ice.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 18 1918, 191

Time (local standard), ____ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-2	-3	-5	-6	-5	-5	-6	-5	-5	-2	-1	2	3	4	3	3	1	0	-2	-3	-4	-5	-5	-4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	11	11	11	9	9	10	11	12	13	16	15	15	15	15	13	10	10	12	10	11	9	11
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, ____ Character, Clear

Moonrise: 10:04 AM

Sunset: Time, ____ Character, Clear

Moonset: 11:59 PM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
4	-8	2	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, 2 inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 9.6 Possible sunshine, hours, ____

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 26

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, SW

Time began, 11:51 A.M.

Reduced barometer, 29.92 a. m., 29.94 p. m.

River gage, 2

Relative humidity, 82 a. m., 86 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

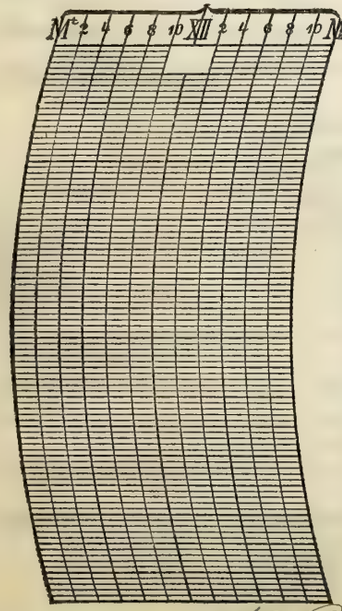
Dry temperature, 14 Wet temperature, 12

Dew-point, 2 R. humidity, 44 V. pressure, .03

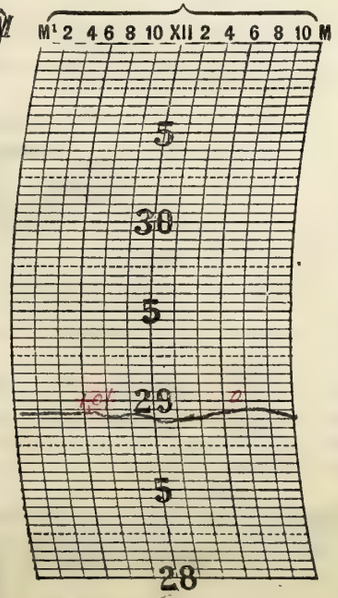
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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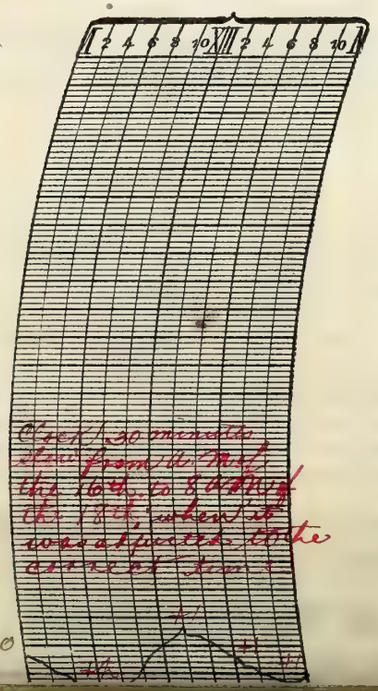


Prepared by H. S. Baker

Verified by

NOTES.

A cold wave without warning occurred between the 7am observation of the 17th and the 7am observation of this date, from 14° to -6°, but between 7 and 8 am the temperature fell still lower to 8° below zero.

A clear and intensely cold weather. The highest temperature during the day was only 4°. The exceptionally low temperatures of this vicinity are chiefly due to radiation from the unusual snow covering rather than the result of a cold wave by translation.

Sidewalks, as a rule, covered with packed snow and ice.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 19 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-3	-2	-2	-3	-4	-4	-4	-4	-1	1	4	8
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)								0.7 / 0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	11	9	12	11	12	14	12	16	17	17
Maximum velocities (exceeding ____ miles) direction and time												

Sunrise: Time, 7:07 Character, Clear

Moonrise: 10:37 AM

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	10	9	9	7	5	5	3	2	2	0	0
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.1	0.6 / 0.1							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	17	14	14	11	9	8	7	8	7	9	7	5
Maximum velocities (exceeding ____ miles) direction and time												

Sunset: Time, 4:44 Character, Clear

Moonset: — —

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
10	-5	2	1

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 12.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, First Quarter 9:38 am

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 9.7 Possible sunshine, hours, ____

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 275

Average hourly velocity, 11.3 Extreme velocity, 22

Maximum velocity, 21 Direction, SW

Time began, 11:21 a.m.

Reduced barometer, 29.90 a. m. 30.13, p. m.

River gage, 2.24

Relative humidity, 76 a. m. 79 p. m.

OBSERVATIONS AT 12 NOON. 12:38 p.m.
(Local Mean Time.)

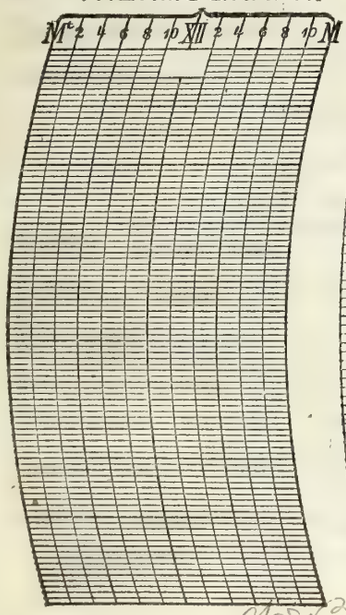
Dry temperature, 7.2 Wet temperature, 6.4

Dew-point, 3 R. humidity, 80 V. pressure, 0.44

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



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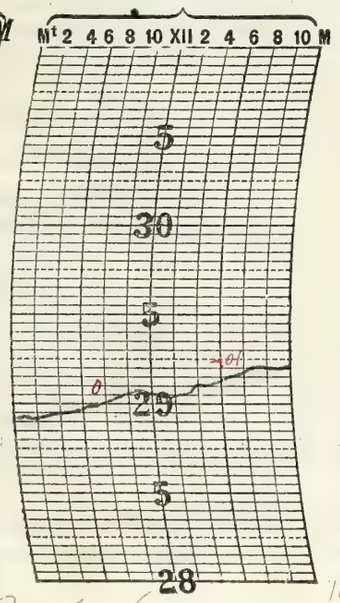

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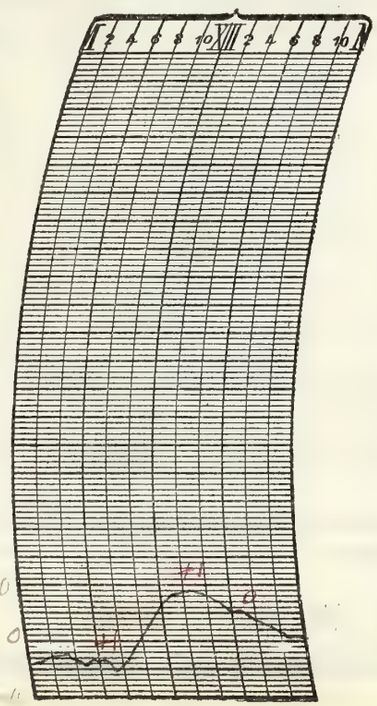


NOTES.

Clear and continued cold weather. Sidewalks slippery.

Prepared by W. S. Baker

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 20 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	-1	-2	-2	-3	-5	-6	-7	-4	0	5	10	13	14	15	14	12	11	10	7	6	5	4	1
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
Sunrise: Time, Character, Clear																					Sunset: Time, Character, Clear			
Moonrise: —																					Moonset: 1:09 a.m.			
Sunshine (in tenths of hours)							0.98 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.62 0.1							
Wind direction	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	4	4	4	7	6	6	6	5	6	6	8	9	8	7	6	5	4	6	7	6	5	6
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

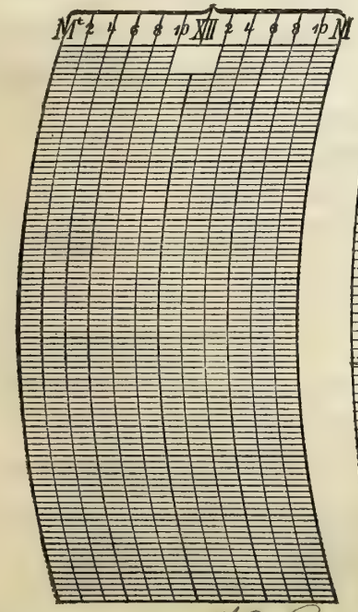
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	-7	4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 13.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.7 Possible sunshine, hours, ____
Per cent of possible sunshine, ____
Prevailing wind direction, SW Total wind ____
Average hourly velocity, 5.9 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 1:13 p.m.
Reduced barometer, 30.28 7 a. m. 30.38, p. m.
River gage, 2.2 ft
Relative humidity, 74 a. m. 53 p. m.

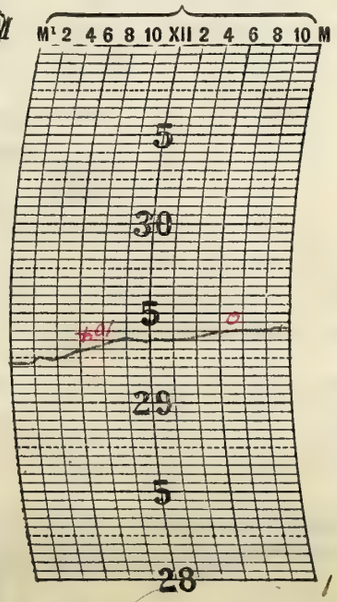
OBSERVATIONS AT 12 ~~NOON~~, 12:38 p.m.
(Local Mean Time.)

Dry temperature, 13.8 Wet temperature, 11.6
Dew-point, 5 R. humidity, 63 V. pressure, 0.49
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) ____

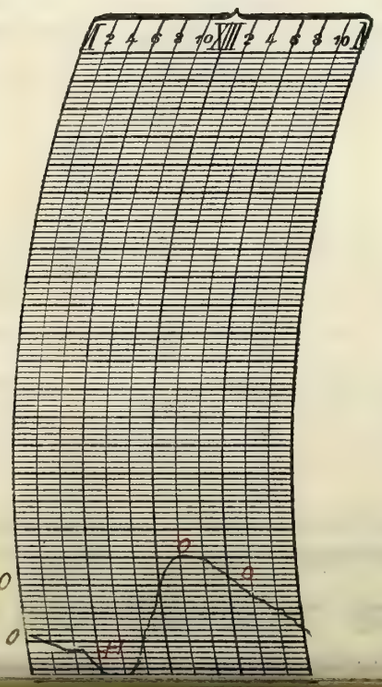
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and continued extremely cold weather.

Prepared by W. S. Baker

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 21 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	-1	-2	-3	-3	-3	0	1	2	5	7	10
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Dense Fog		Cloudy					Ft.	Cloudy
Sunrise: Time, 7:01; Character, Foggy; Moonrise: —												
Sunshine (in tenths of hours)								0	0	0.5	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	7	6	6	6	6	4	5	5	7	4	9	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	11	12	12	12	13	11	11	11	11	11	11
Nature of precipitation and time of beginning and ending										Snow 9:30	—	Snow N.N.
Amounts of precipitation										—	—	—
Cloudiness and other conditions	Fog									Cloudy		
Sunset: Time, 4:[illegible]; Character, Cloudy; Moonset: 2:17 am												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0							
Wind direction	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW
Wind movement	11	7	8	8	7	7	8	6	5	5	5	5

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

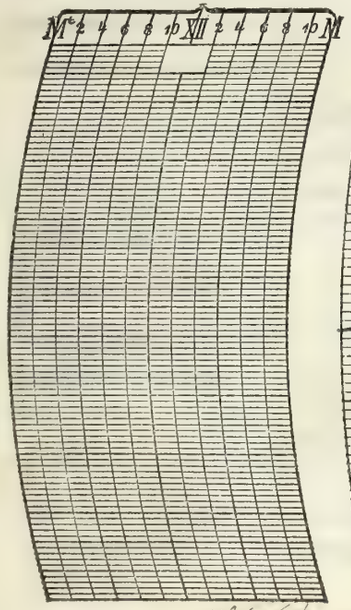
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
13	-3	5	

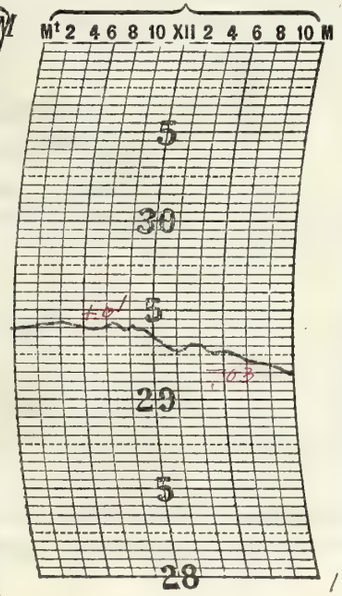
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 12.7 inches.
Total snowfall, midnight to midnight, .04 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.7 Possible sunshine, hours,
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind 153
Average hourly velocity, 6.6 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 11:19 a.m.
Reduced barometer, 30.41 a. m. 30.[illegible], p. m.
River gage, 2.24
Relative humidity, 93 a. m. 77 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 10.0 Wet temperature, 9.3
Dew-point, 6 R. humidity, 85 V. pressure, .052
Clouds: Amount, 7; Kind, Strat.; Direction, SW
Velocity of clouds (miles per hour)

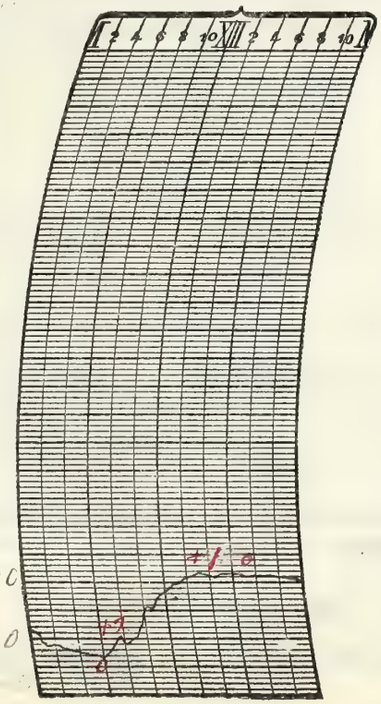
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense fog began during night of 20th and ended 9:45 am; light fog from 9:45 am to 4:30 pm.

Cold with penetrating southwest winds.

Light snow began at 9:30 pm and ended during night of 7th.

Prepared by W. S. Baker

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 22 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	11	10	9	8	9	10	11	13	16	21	20	20	20	17	16	16	14	13	11	10	8	6
State of weather: Nature of precipitation and time of beginning and ending								v	S.P.B. S.B.	–	–	–	12:27	1:35	–	–	–	–	S.P.E. 6:10	v				
Amounts of precipitation									–	–	–	–	–	–	–	–	–	–	–					
Cloudiness and other conditions					← Cloudy →					×Pt Cloudy			← Cloudy →						← Pt. Cloudy →					
Sunrise: Time, 7:11 Character, Cloudy																					Sunset: Time, 4:46 Character, Cloudy			
Moonrise: 12:46 P.M.																					Moonset: 3:22 P.M.			
Sunshine (in tenths of hours)								0	0	1.0	1.0	1.0	*1.0	*1.0	*0.5	0	0							
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	5	6	6	5	7	7	8	8	10	10	12	14	16	19	18	20	17	14	18	15	17	16	14	11
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

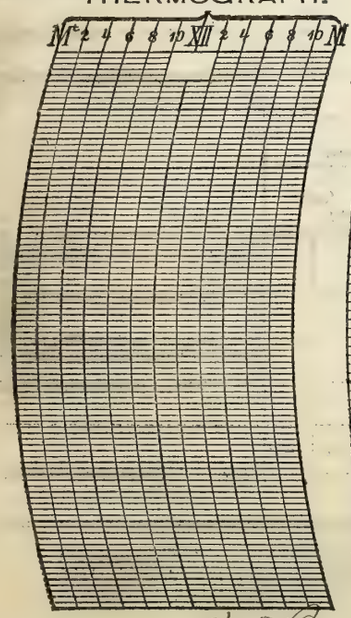
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	6	14	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow, sleet, and hail on ground p. m., 3 inches.
Total snowfall, midnight to midnight, 0.6 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.5 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 56
Prevailing wind direction, SW Total wind 293
Average hourly velocity, 12.2 Extreme velocity, 25
Maximum velocity, 22 Direction, NW
Time began, 6:31 p.m.
Reduced barometer, 30.01 7 a. m. 29.94 7, p. m.
River gage, 2.24
Relative humidity, 91 7 a. m. 87 p. m.

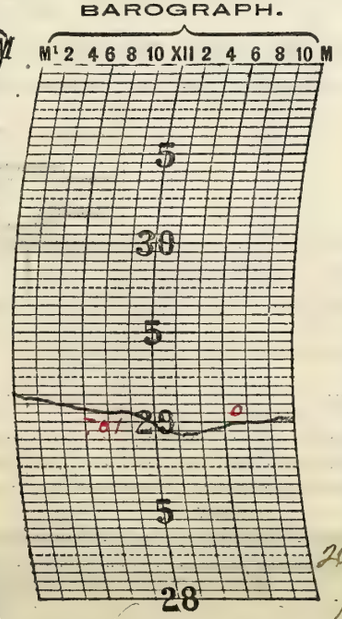
OBSERVATIONS AT ~~12 NOON.~~ 2:38 P.M.
(Local Mean Time.)

Dry temperature, 20.3 Wet temperature, 18.7
Dew-point, 15 R. humidity, 76 V. pressure, .061
Clouds: Amount, 8; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

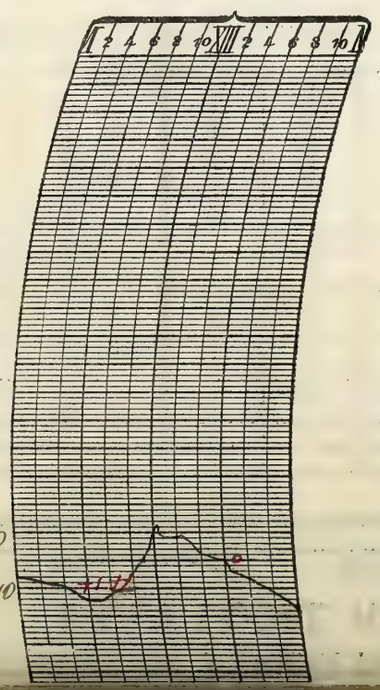
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Sun shining through detached clouds
Cold and generally cloudy, with snow flurries.

Prepared by D. S. Baker

Verified by C. M. Thomas

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 23 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	2	0	-2	-2	[illegible]	-14	-5	-3	3	6	8
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear						Pt. Cloudy		
Sunrise: Time, 6:54 Character, Clear												
Moonrise: 1:39 P.M.												
Sunshine (in tenths of hours)							.02 0	0.9 0.1	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	9	10	9	9	0	11	9	9	12
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	11	10	11	5:15	12	13	15	17	18	23
State of weather: Nature of precipitation and time of beginning and ending						5:15	—	—	—	—	—	—
Amounts of precipitation						—	—	—	—	—	—	—
Cloudiness and other conditions					Cloudy							
Sunset: Time, 4:20 Character, Cloudy												
Moonset: 4:19 A.M.												
Sunshine (in tenths of hours)	1.0	1.0	+ 1.0	+ 0.3								
Wind direction	SW	SW	SW	S	SW	S	S	S	S	S	S	S
Wind movement	12	9	10	12	11	11	10	12	11	12	14	16
Maximum velocities (exceeding ____ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	-5	9	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 13.0 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt. Cloudy Moon phase, ____
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.3 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind 257
Average hourly velocity, 10.7 Extreme velocity, 18
Maximum velocity, 17 Direction, S
Time began, 11:11 P.M.
Reduced barometer, 30.07 7 a. m. 29.88 7, p. m.
River gage, 2.2 ft
Relative humidity, 84 7 a. m. 91 p. m.

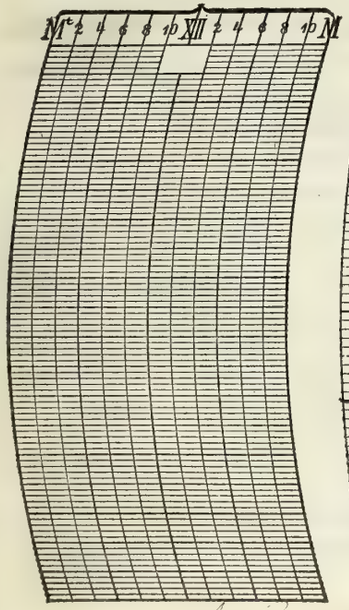
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

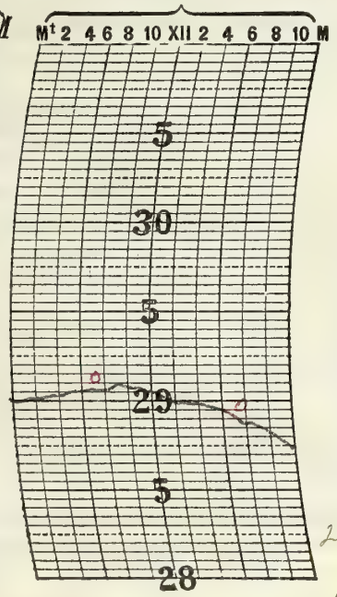
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 8.6 Wet temperature, 7.0
Dew-point, 0 R. humidity, 64 V. pressure, .038
Clouds: Amount, 7; Kind, St.; Direction, SW
Velocity of clouds (miles per hour)

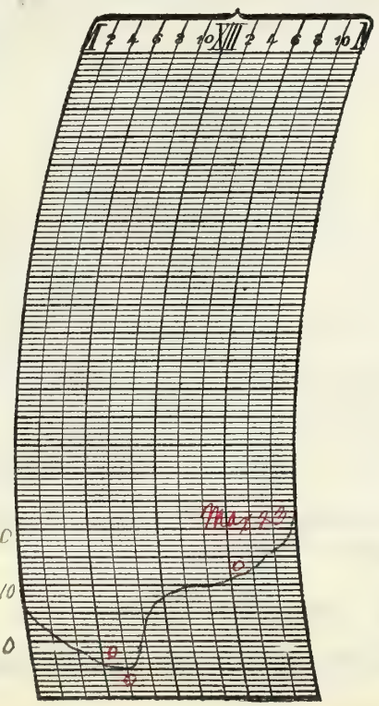
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated
† Sun shining through detached clouds

Cloudy with snow flurries continued from 5:15 p.m. Intensely cold in the early morning but temperature was slowly during the day the highest occurring at midnight.

Prepared by W S Baker
Verified by

2—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) Jan. 24 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	25	28	29	30	30	32	29	27	26	25	24	22	21	20	19	19	20	20	20	21	22	23
State of weather: Nature of precipitation and time of beginning and ending	–		–	Sm E 11 N			RB 6:30	–	RE 5:10 Sm 5:40	–	–	Sm E 11:50							Sm B 6:20	–	–	–	–	Sm E 11 N
Amounts of precipitation	–	–	–	–			–	–	–	–	–	–							–	–	–	–	–	–
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0.6	1.0	1.0	1.0	1.0	0.2	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	18	17	16	15	14	16	13	16	16	19	17	17	20	18	18	16	15	13	12	13	11	8	9	10
Maximum velocities (exceeding miles) direction and time																								

Sunrise: Time, 6:17 Character, Cloudy
Moonrise: 2:38 P.M.
Sunset: Time, 4:45 Character, Cloudy
Moonset: 5:10 P.M.

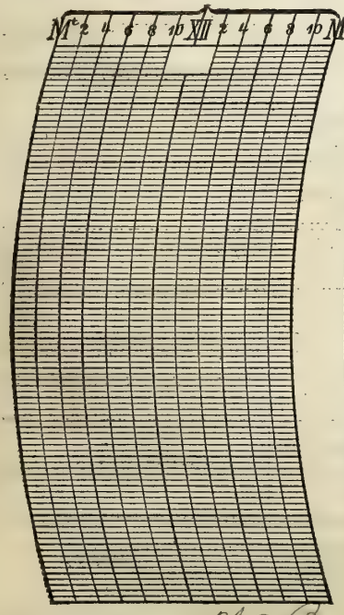
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	19		

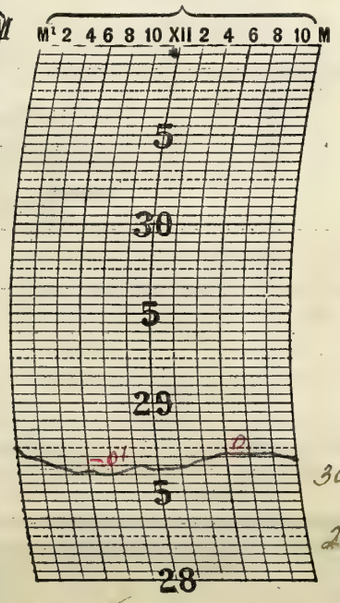
Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.
Snow, sleet, and hail on ground 7 p. m., 1.7 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, 0.4 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 4.8 Possible sunshine, hours,
Per cent of possible sunshine, 49
Prevailing wind direction, SW Total wind 357
Average hourly velocity, 14.9 Extreme velocity, 26
Maximum velocity, 23 Direction,
Time began, 9:46 a.m.
Reduced barometer, 29.51 7 a. m. 29.66 7 p. m.
River gage, 2.25
Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 24.5 Wet temperature, 23.0
Dew-point, 20 R. humidity, 81 V. pressure,
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

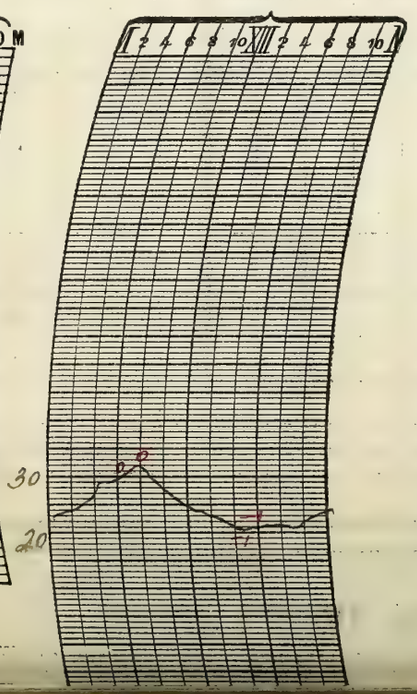
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated
+ Sun shining through detached clouds

Somewhat higher temperatures. Cloudy with snow; light between 6 30 and 8 am.

Prepared by N. S. Bacon
Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 25 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	27	28	29	30	31	32	34	35	36	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy —						
Sunshine (in tenths of hours)							0	0	*0.4	0.7	1.0	*1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	11	10	10	11	12	12	14	15	17	18	16	20
Maximum velocities (exceeding 50 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	33	32	32	29	27	24	22	21	21	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy —							
Sunshine (in tenths of hours)	*0.8	*0.4	*1.0	0	0							
Wind direction	W	W	W	W	W	NW	NW	NW	NW	NW	NW	N
Wind movement	18	20	19	12	11	13	12	13	12	7	4	6
Maximum velocities (exceeding 50 miles) direction and time												

Sunrise: Time, 6.11 Character, Cloudy

Moonrise: 3.40 P.M.

Sunset: Time, [illegible] Character, Cloudy

Moonset: 5.53 A.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	20	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 12.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.5 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 56

Prevailing wind direction, W Total wind 313

Average hourly velocity, 13.0 Extreme velocity, 27

Maximum velocity, 24 Direction, W

Time began, 1:46 p. m.

Reduced barometer, 29.58 7 a. m. 29.92, p. m.

River gage, 2.28

Relative humidity, 95 7 a. m. 63 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

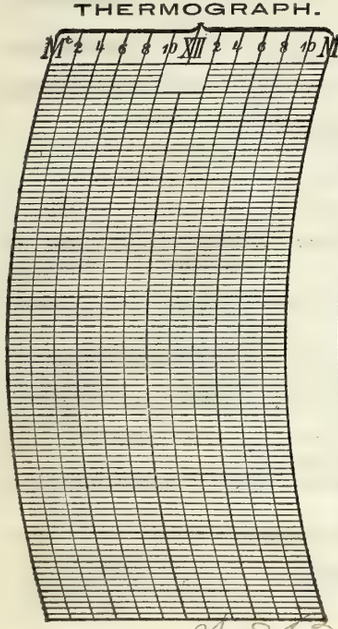
Dry temperature, 36.4 Wet temperature, 32.5

Dew-point, 27 R. humidity, 66 V. pressure, .143

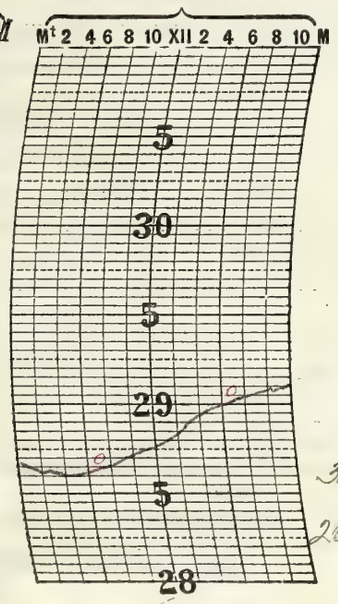
Clouds: Amount, 10; Kind, St-Cu; Direction, NW

Velocity of clouds (miles per hour)

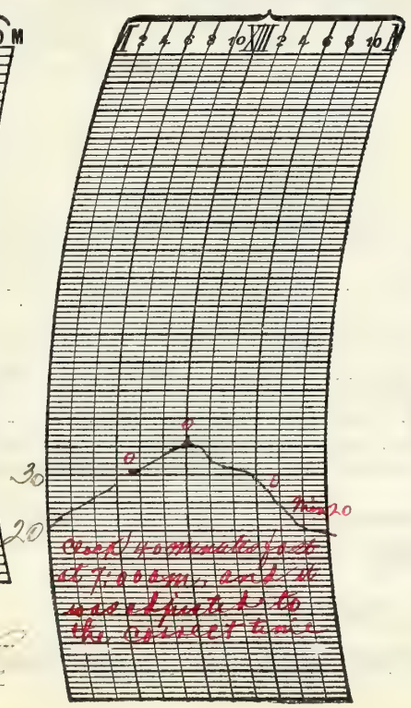
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Clock recommenced at 7:00 a.m. and it was adjusted to the correct time

Prepared by N. S. Baker

Verified by [illegible]

8—486

NOTES.

* Sun shining through detached clouds.

Cold wave warning received at 9:00 a.m. The information disseminated by telephone, press and bulletin. The signal flag was hoisted immediately upon receipt of warning.

Noon special ordered by Central Office.

Generally cloudy, moderately warm, but temperature fell steadily during the afternoon. Considerable freezing here and [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 26 1918, 191

Time (local standard), mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	19	19	17	17	16	16	15	13	11	11	11
State of weather: Nature of precipitation and time of beginning and ending								SNOW 7:50	–	–	–	–
Amounts of precipitation								–	–	–	–	–
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character, Cloudy												
Moonrise: 4:43 PM.												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	NE	NE	NE	NE	E	E	NE	E	NE	NE
Wind movement	6	5	10	13	14	15	13	17	22	23	21	18
Maximum velocities (exceeding ½ miles) direction and time												

Time (local standard), mer.	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	10	9	9	9	9	9	9	7	7	7	6	5
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions								Cloudy				
Sunset: Time, Character, Cloudy												
Moonset: 6:28 PM.												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	19	23	23	25	23	26	25	23	22	21	20	17
Maximum velocities (exceeding ½ miles) direction and time							30 NE 6:59					

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

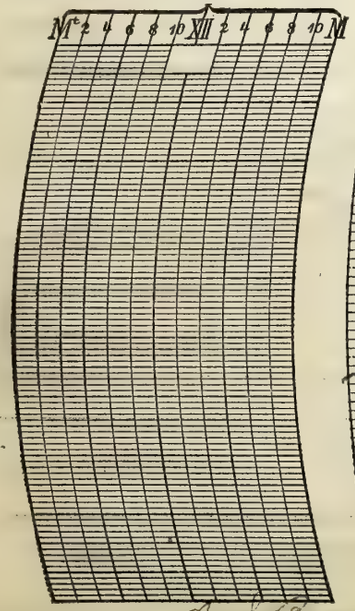
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	5	12	7

Total depth of snow for 24 hours ending 7 p. m., 1.6 inches.
Snow, sleet, and hail on ground ___ p. m., ___ inches.
Total snowfall, midnight to midnight, 1.7 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase, Full moon 9
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, ___
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 444
Average hourly velocity, 18.5 Extreme velocity, 38
Maximum velocity, 30 Direction, NE
Time began, 6:59 p.m.
Reduced barometer, 30.[illegible] a. m. 30.05, p. m.
River gage, 2.25
Relative humidity, 73 a. m. 95 p. m.

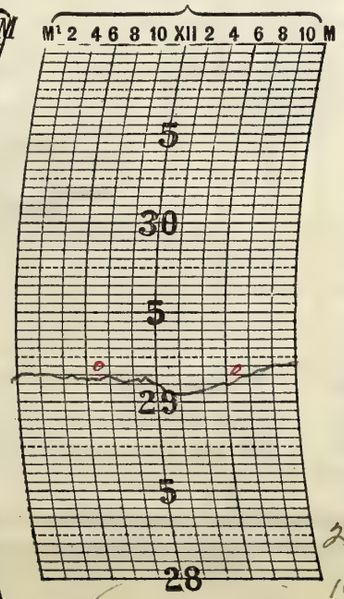
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 11.4 Wet temperature, 11.0
Dew-point, 9 R. humidity, 92 V. pressure, [illegible]
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

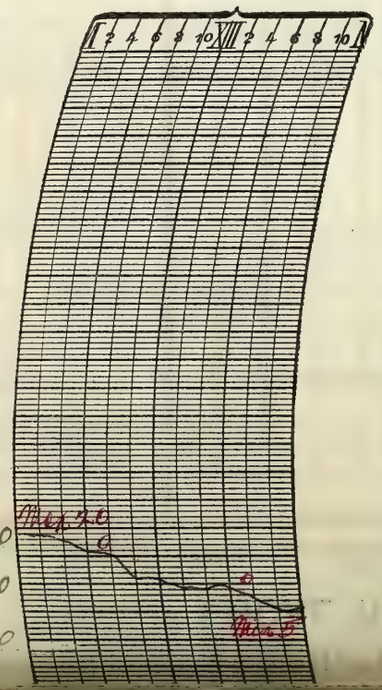
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Baker
Verified by [illegible]

NOTES.

A cold wave warning was received at 9:15 am. The information was disseminated in the usual way.

Moon special ordered by the Central Office.

The cold wave warning of yesterday was fully justified by the temperature and general weather conditions that [illegible]

Cold and cloudy, with light snow. Brisk northeast winds. Considerable drifting which impeded local and inter-state traffic.

Form No. 1014—Mar. 17

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 27 1918, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	4	2	1	2	3	3	1	1	2	3	6
State of weather: Nature of precipitation and time of beginning and ending	–	SNE IN.										
Amounts of precipitation	–	–										
Cloudiness and other conditions					Cloudy –			Clear			Cloudy	
Sunrise: Time, 6 Character, Cloudy												
Moonrise: 5:44 P.M.												
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	18	15	15	12	13	11	14	12	16	17	15	15
Maximum velocities (exceeding 45 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	9	9	10	9	8	8	8	8	8	8	5
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunset: Time, 4:52 Character, Cloudy												
Moonset: 6:59 P.M.												
Sunshine (in tenths of hours)	*1.0	*1.0	*1.0	*0.4	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	17	14	15	17	16	17	21	21	22	23	23	21

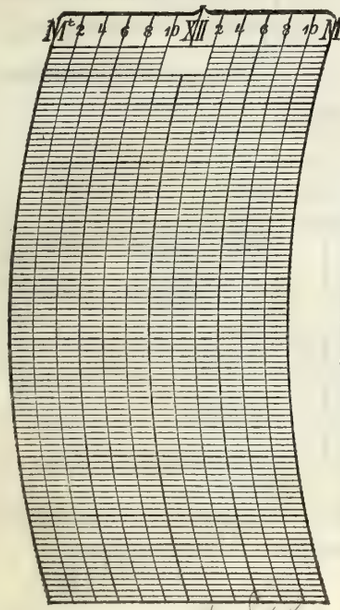
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
10	1	6	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 13.7 inches.
Total snowfall, midnight to midnight, .01 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.5 Possible sunshine, hours,
Per cent of possible sunshine, 76
Prevailing wind direction, NE Total wind 4100
Average hourly velocity, 16.7 Extreme velocity, 31
Maximum velocity, 29 Direction, NE
Time began, 10:17 a. m.
Reduced barometer, 30.31 a. m. 30.25 p. m.
River gage, 2.1 ft.
Relative humidity, 94 a. m. 77 p. m.

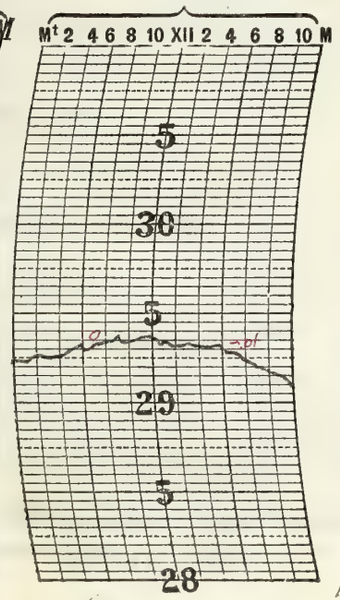
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 8.0 Wet temperature, 7.6
Dew-point, 6 R. humidity, 91 V. pressure, .054
Clouds: Amount, 8; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

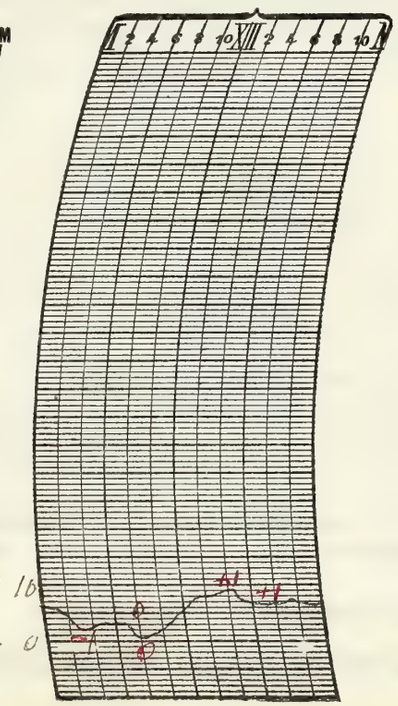
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. St. Lake

Verified by

3—486

NOTES.

& Estimated
* Sun shining through detached clouds.

The Cold wave warning of the 26th was partially verified, the temperature falling to 1° before and after the day observation. The snow commenced from last night ended in the early morning. There was some drifting during the day which interfered with traffic. Sky generally partly cloudy but the early morning and night was cloudy and threatening. A cold and very disagreeable day.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 28 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	10	12	12		11	13	13	13	13	13	14	17	19	20	17	15		13	11	14	14	12	9
State of weather: Nature of precipitation and time of beginning and ending	SNP UN	–	–	–	–	–	–	–	–	–	–	SNF 11:20									SNB 8:45	–	SNE IN	
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–									–	–	–	
Cloudiness and other conditions										Cloudy														

Sunrise: Time, ; Character, Cloudy

Moonrise: 6:45 P.M.

Sunset: Time, ; Character, Cloudy

Moonset: 7:16 P.M.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	*0.6	*1.0	*1.0	*0.2	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	SW	SW	SW	W	W	W	W	SW	SW	SW	W	W	W
Wind movement	20	20	22	22	18	17	10	6	6	5	3	8	12	16	18	16	18	16	14	12	14	15	17	10
Maximum velocities (exceeding 40 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	8		

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow, sleet, and hail on ground 7 p. m., 14.0 inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 2.8 Possible sunshine, hours,

Per cent of possible sunshine, 28

Prevailing wind direction, NE Total wind 35.4

Average hourly velocity, 1.5 Extreme velocity, 3

Maximum velocity, 25 Direction, NE

Time began, 12:01 a m

Reduced barometer, 29.88 a. m. 30.02 p. m.

River gage, 2.2 ft

Relative humidity, 96 a. m. 72 p. m.

OBSERVATIONS AT ~~12 NOON~~. 1:23 P.M.
(Local Mean Time.)

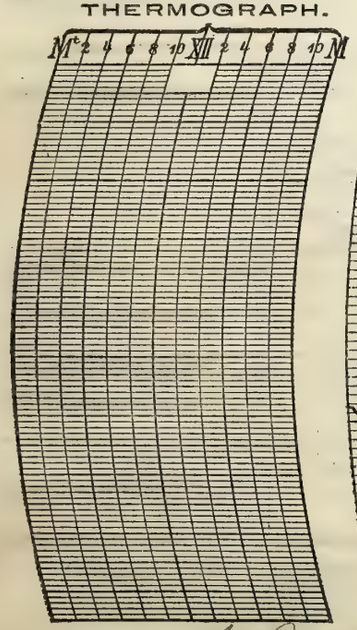
Dry temperature, 16.4 Wet temperature, 15.6

Dew-point, 13 R. humidity, 86 V. pressure,

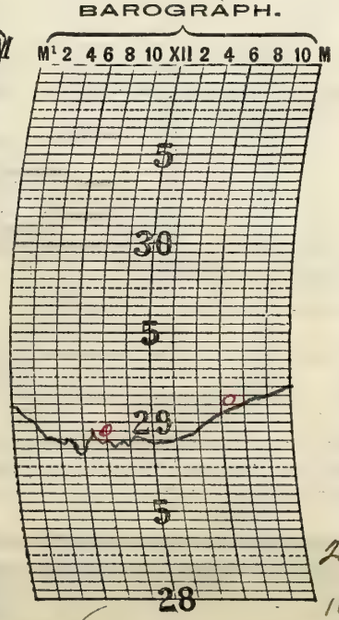
Clouds: Amount, 8; Kind, St Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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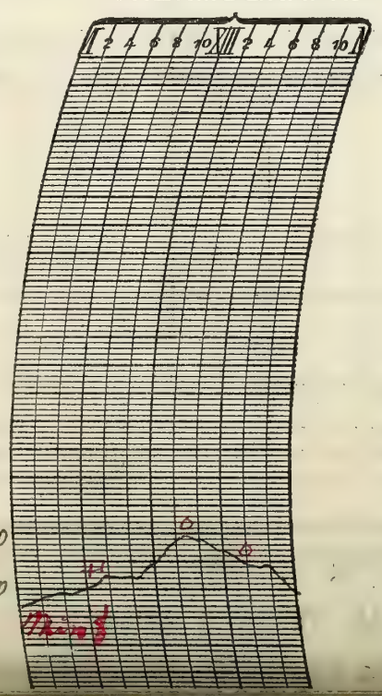


* Sun shining through detached clouds.

NOTES.

Light snow flurries from the early morning until 11:70 am. Continued cold and unpleasant weather.

Prepared by W S Burr

Verified by J M Kaufman

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 29 1918, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	6	5	4	3	1	0	0	2	6	9	12
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)							.08 / 0	0.8 / 1.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	10	10	9	9	10	12	13	12	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	17	18	19	18	16	14	12	12	10	9	8
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9 / 0.8							
Wind direction	W	W	SW	W	W	W	N	N	E	E	SE	SE
Wind movement	9	10	9	8	6	4	4	5	3	4	4	6

Sunrise: Time, 6:55 Character, Clear

Moonrise: 7:44 P.M.

Sunset: Time, 4:50 Character, Clear

Moonset: 7:49 P.M.

Maximum velocities (exceeding ..... miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
19	0	10	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 13.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 198

Average hourly velocity, 8.2 Extreme velocity, 15

Maximum velocity, 14 Direction, SW

Time began, 8:00 a. m.

Reduced barometer, 30.31 a. m. 30.4 p. m.

River gage, 2.2 ft.

Relative humidity, 80 a. m. 60 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

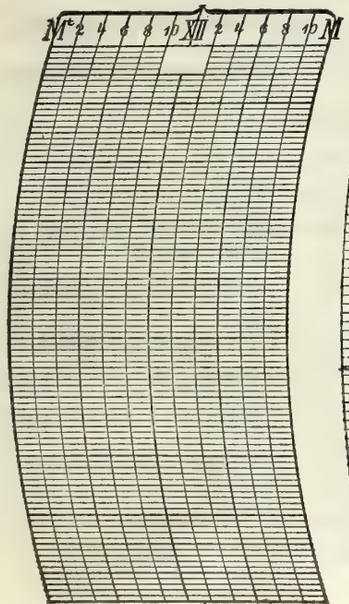
Dry temperature, 13.4 Wet temperature, 11.8

Dew-point, 6 R. humidity, 70 V. pressure, .052

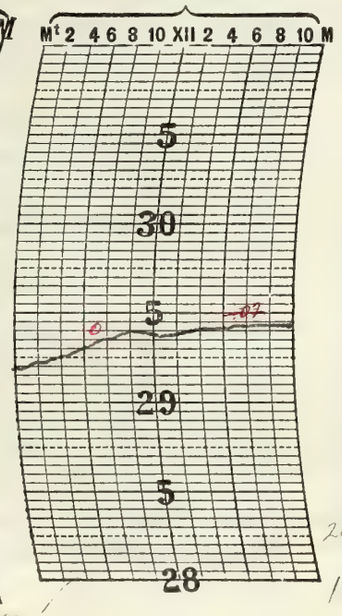
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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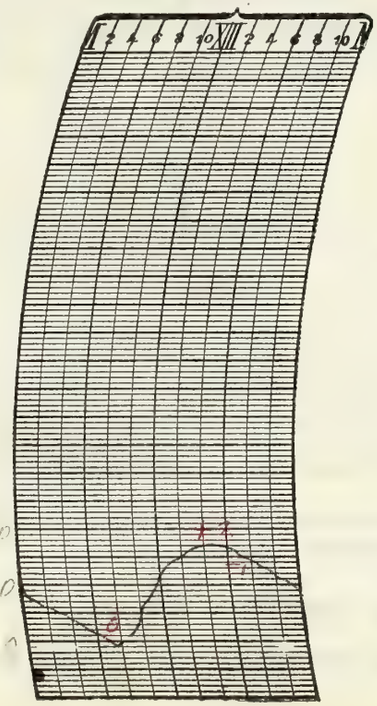


NOTES.

Zero temperature in the early hours of the day but the weather moderated considerably during the afternoon.

Clear

Prepared by W S Baker

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 2 v 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	8	6	5	5	4	3	4	5	9	12	17	18	20	21	22	21	20	18	16	15	14	13	10
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy						Clear						P.Cloudy			Clear				
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7							
Wind direction	E	E	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	6	5	7	8	7	9	10	13	10	11	9	11	10	11	11	11	9	10	9	9	7	7	5	5
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 6:54 Character, Cloudy
Moonrise: 9:42 P.M.
Sunset: Time, 4:55 Character, Cloudy
Moonset: 8:13 A.M.

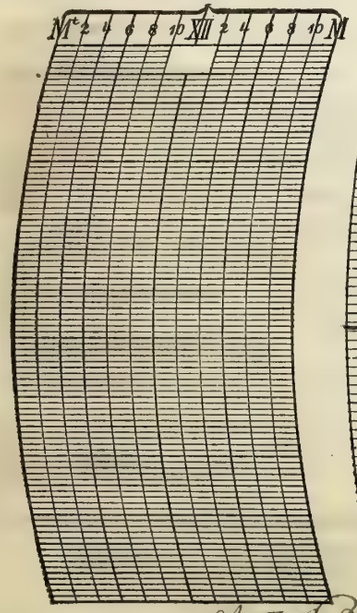
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	2	12	6

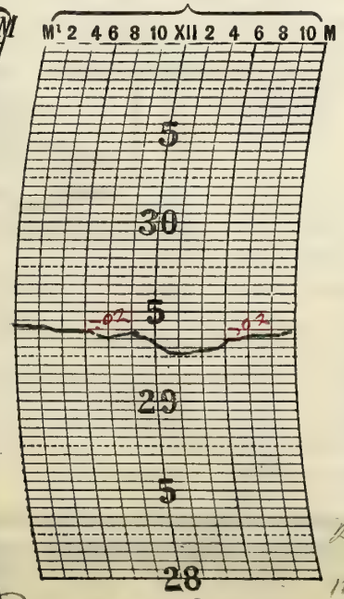
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 12.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 8.1 Possible sunshine, hours, 10
Per cent of possible sunshine, 81
Prevailing wind direction, NE Total wind 210
Average hourly velocity, 8.8 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 8:00 a.m.
Reduced barometer, 30.37 a. m. 30.29 p. m.
River gage, 2.26
Relative humidity, 89 a. m. 72 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:38 P.M.
(Local Mean Time.)
Dry temperature, 17.5 Wet temperature, 14.7
Dew-point, 6 R. humidity, 55 V. pressure, .05
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

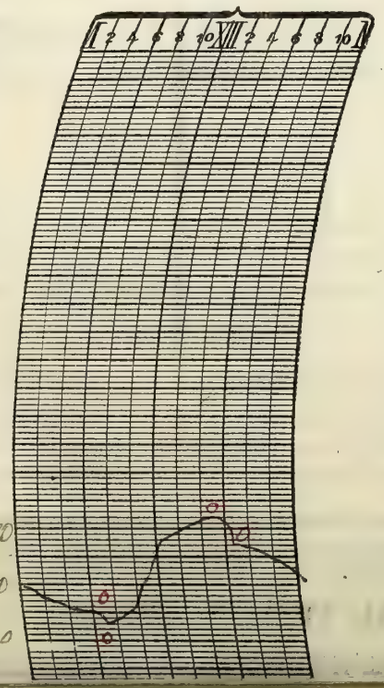
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W S Baker
Verified by

NOTES.

Partly from eye observation

Extreme low temperatures, but moderating slightly in the afternoon.

Verified by .....
Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 31 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	8	7	6	5	4	2	2	3	4	6	8	9	9	9	9	8	6	5	2	1	1	1	1
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt Cloudy							Clear	Pt Cloudy		Clear					
Sunshine (in tenths of hours)							0	0	0.3	1.0	1.0	1.0	0.8	0.5	1.0	0.1	0							
Wind direction	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N
Wind movement	7	5	5	6	7	6	8	9	9	10	10	9	8	10	8	9	7	7	7	7	5	6	4	6
Maximum velocities (exceeding 70 miles) direction and time																								

Sunrise: Time, 7:00 Character, Cloudy
Moonrise: 4:41 PM
Sunset: Time, 4:50 PM Character, Cloudy
Moonset: 8:36 AM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

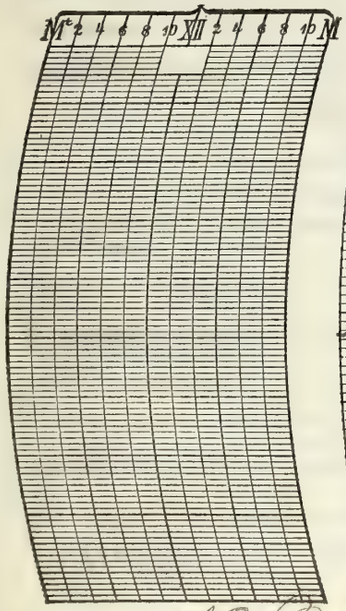
Excessive precipitation, accumulated amounts .....

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
10	1	6	✓

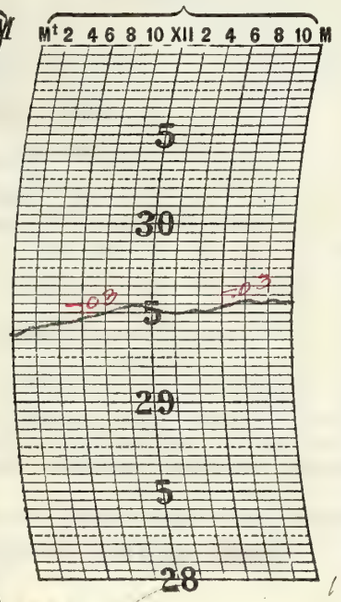
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 13.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ...
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.1 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 60
Prevailing wind direction, N Total wind 175
Average hourly velocity, 7.3 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 10:13 a. m.
Reduced barometer, 30.44 a. m., 30.53 p. m.
River gage, 2.76
Relative humidity, 78 a. m., 83 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 p.m.
(Local Mean Time.)
Dry temperature, 8.1 Wet temperature, 6.9
Dew-point, 1 R. humidity, 72 V. pressure, 0.40
Clouds: Amount, 7; Kind, Ast.; Direction, W
Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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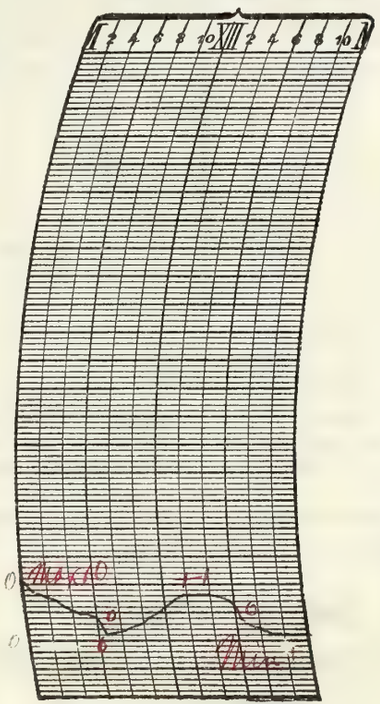


NOTES.

The weather was unpleasantly cold and generally partly cloudy.

Prepared by N S Boren
Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 1 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	1	1	1	1	0	0	0	1	2	3	9
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)							ϕ0	0	0.6	1.0	1.0	1.0
Wind direction	NE	NE	N	N	N	N	NE	NE	E	NE	E	SE
Wind movement	6	5	3	4	3	4	4	5	3	5	5	5

Sunrise: Time, 6:52; Character, Cloudy. Moonrise: 10:40 pm

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	11	12	12	11	11	10	9	8	7	5	4
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 / 0.4							
Wind direction	S	S	SW	SW	S	S	S	SW	S	SW	SW	SW
Wind movement	5	7	6	6	8	7	9	7	10	8	8	10

Sunset: Time, 4:18; Character, Clear. Moonset: 9:00 am

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

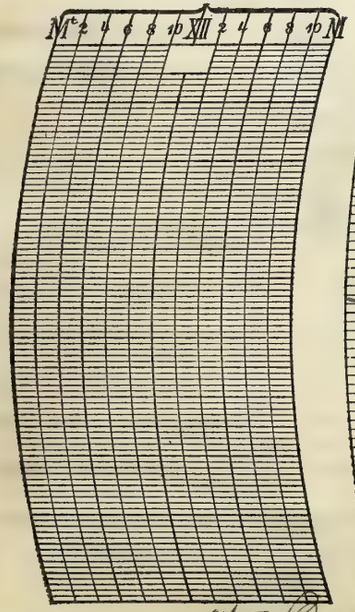
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	0	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.32 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.6 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 85
Prevailing wind direction, S-SW Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 10
Maximum velocity, 12 Direction, S
Time began, 11:48 p.m.
Reduced barometer, 30.53 7 a. m. 30.37 7 p. m.
River gage, 2.1 ft
Relative humidity, 90 7 a. m. 40 7 p. m.

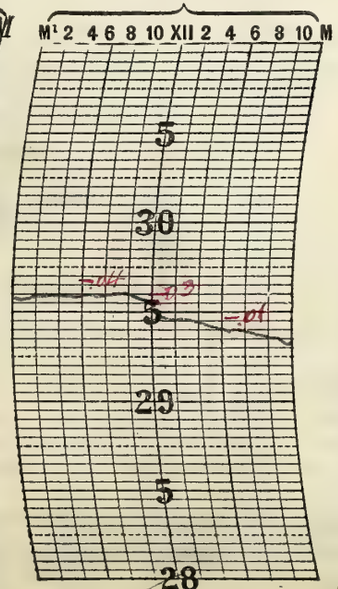
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 9.4 Wet temperature, 8.7
Dew-point, 6 R. humidity, 84 V. pressure, .052
Clouds: Amount, 1; Kind, A.St.; Direction, NW
Velocity of clouds (miles per hour)

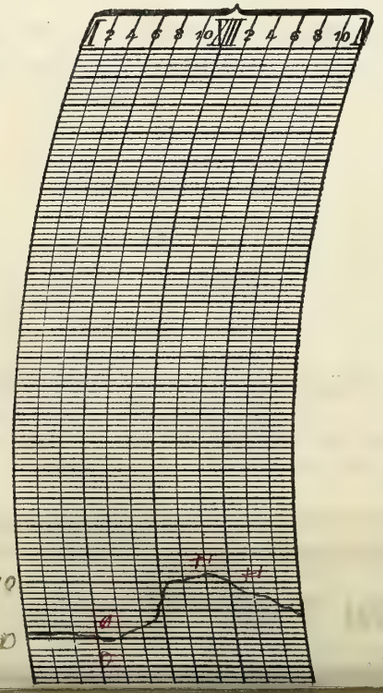
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

ϕ Sunrise obscured by bank of St. Cirrus.

Continued cold and generally clear weather.

Prepared by W S Baker

Verified by

Verified by

Form No. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 2 1918, 191

Time (local standard); 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	3	3	3	1	1	2	2	3	8	14	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunrise: Time, 6:51 Character, Clear												
Moonrise: 11:40 pm.												
Sunshine (in tenths of hours)							0.15 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	SW	S	S	S	S	S	SW	S	S	S	S	SW
Wind movement	9	10	8	9	10	9	9	8	12	12	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	23	24	24	23	21	19	17	18	19	19	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4:39 Character, Clear												
Moonset: 9:28 pm												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.78 0.2							
Wind direction	SW	SW	SW	S	S	S	S	S	S	S	S	SW
Wind movement	10	11	10	10	6	4	9	5	9	13	11	15

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	1	12	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 12.9 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 10.1 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 100

Prevailing wind direction, S Total wind 2.45

Average hourly velocity, 10.1 Extreme velocity, 16

Maximum velocity, 16 Direction, SW

Time began, 11:22 p. m.

Reduced barometer, 30.27 7 a. m. 30.03 7 p. m.

River gage, 2.74

Relative humidity, 82 7 a. m. 74 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:35 pm
(Local Mean Time.)

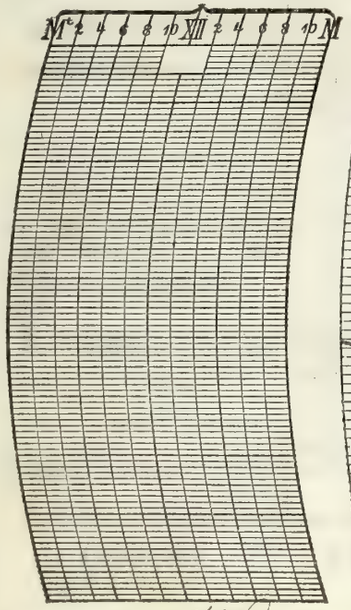
Dry temperature, 18.2 Wet temperature, 15.4

Dew-point, 6 R. humidity, 56 V. pressure, .052

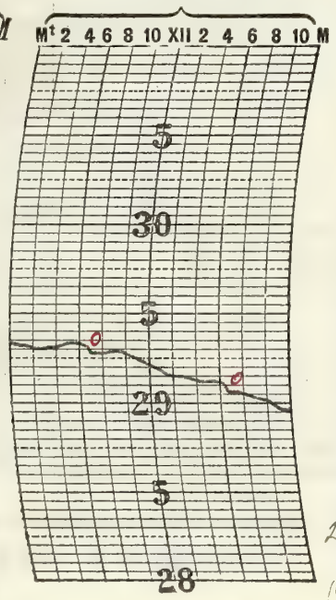
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

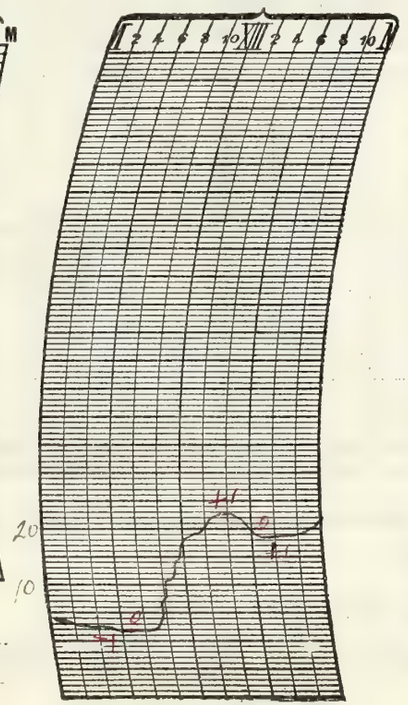
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear; cold in the a. m., but rising temperature after the a. m. observation, the rise being marked during the mid-day hours.

Prepared by W. S. Brown

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 8 1914, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	24	24	24	[illegible]	[illegible]	21	21	20	19	19
State of weather: Nature of precipitation and time of beginning and ending	SNW 12:30		SNW								SNE 10:30	SNE 11:05
Amounts of precipitation	—	—	—								—	—
Cloudiness and other conditions					←		Pt. Cloudy					→
Sunrise: Time, 6:50 Character, Cloudy; Moonrise: —												
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	14	18	14	16	22	19	19	18	19	21	22	20
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	1[illegible]	16	16	12	11	11	10	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	SNS 12:50	—	—	—	SNE 4:25	SNE 5:10		SNE 6:00				
Amounts of precipitation	—	—	—	—	—	—	—	—				
Cloudiness and other conditions					←		Cloudy					→
Sunset: Time, 5:01 Character, Cloudy; Moonset: 9:55 am												
Sunshine (in tenths of hours)	* 0.6	* 0.6	* 0.2	* 0.8	* 0.1	0						
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	W	W
Wind movement	20	23	22	23	18	16	19	18	18	16	15	12
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

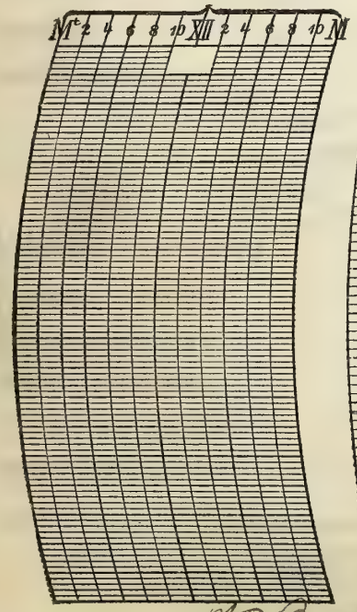
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	5	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 12 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .77 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.6 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 65
Prevailing wind direction, W Total wind 442
Average hourly velocity, 14.3 Extreme velocity, 31
Maximum velocity, 28 Direction, NW
Time began, 1:49 p.m.
Reduced barometer, 29.84 7 a. m. 30.11 7, p. m.
River gage, 2.1 ft.
Relative humidity, 72 7 a. m. 90 7 p. m.

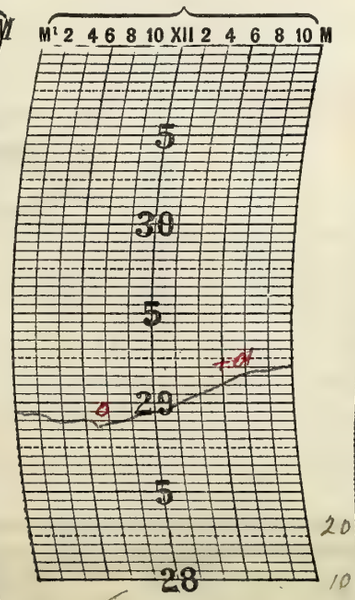
OBSERVATIONS AT ~~12 NOON~~ 2:38 P.M.
(Local Mean Time.)

Dry temperature, 18.8 Wet temperature, 18.0
Dew-point, 16 R. humidity, 88 V. pressure, .085
Clouds: Amount, 8; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

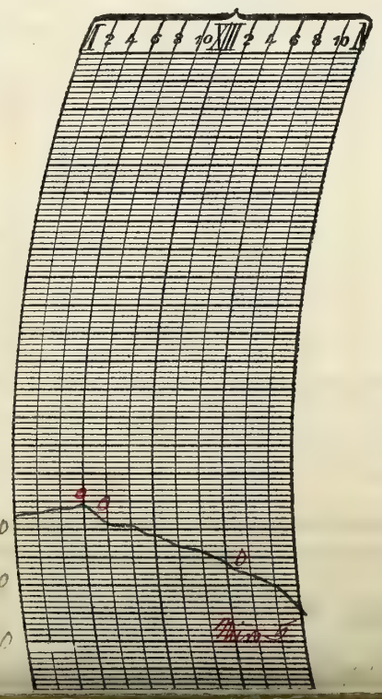
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W S Baker

Verified by

* Sunshining through detached clouds

NOTES.

Generally cloudy, with frequent light snows. Moderate temperature in the early hours of the day but a change to colder took place in the afternoon - Very unpleasant weather.

A cold wave warning was received at 10:05 am. The fact was transmitted at once, and interests telephoned that the temperature would fall to between 5° and 10° below zero by Monday.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 6 1918, 191

Time (local standard), 90th mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	34	36	38	38	39	40	41	41	41	43	44	44	44	44	43	42	40	38	37	36	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy →					Pt Cloudy				← Clear											
Sunrise: Time, 6:47 Character, Cloudy																					Sunset: Time, 5:00 Character, Clear			
Moonrise: 2:44 am																					Moonset: — — —			
Sunshine (in tenths of hours)							0	0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.07 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	20	19	19	17	16	13	12	13	18	19	18	16	16	16	14	14	11	11	11	9	9	7	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

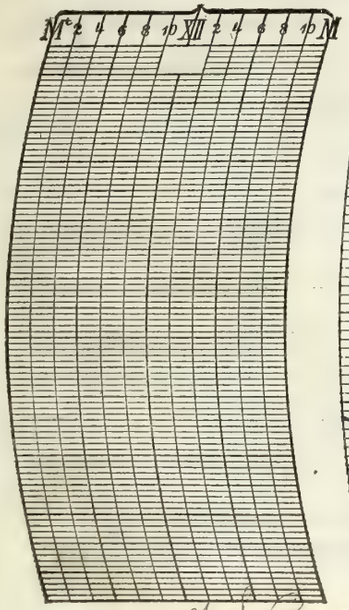
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	32	38	✓

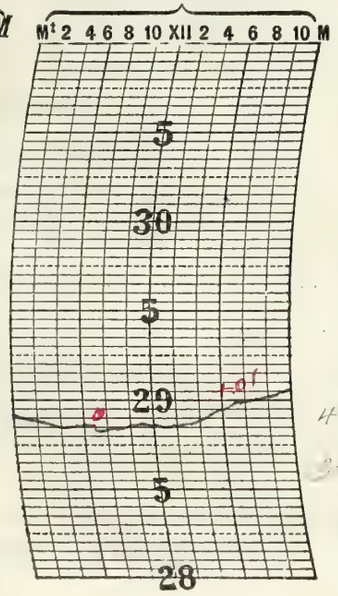
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 8.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 6.9 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 67
Prevailing wind direction, SW Total wind 332
Average hourly velocity, 13.8 Extreme velocity, 27
Maximum velocity, 23 Direction, SW
Time began, 12:21 a.m.
Reduced barometer, 29.78 7 a. m. 29.947, p. m.
River gage, 2.0 ft
Relative humidity, 90 7 a. m. 71 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:28 p.m.
(Local Mean Time.)
Dry temperature, 42.6 Wet temperature, 36.9
Dew-point, 29 R. humidity, 78 V. pressure, .157
Clouds: Amount, 1/2; Kind, Cu St Cu; Direction, W
Velocity of clouds (miles per hour)

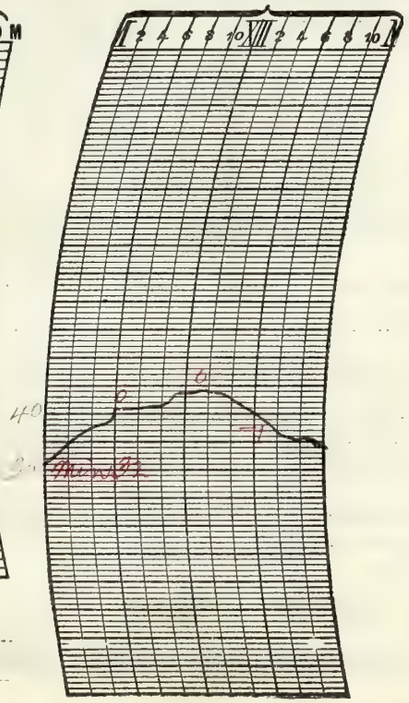
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy, but mostly clear in the late forenoon and in the afternoon. Decidedly warmer with a 48° rise in temperature during the 24 hours ending at 7 am. Continued warm; Steady Sleet

Prepared by W. H. Gorrell

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 7 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	30	25	27	23	23	24	24	29	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				24								
Cloudiness and other conditions					Clear					Cloudy		
Sunrise: Time, 6:45; Character, Cloudy												
Moonrise: 3:43 am												
Sunshine (in tenths of hours)							0	0	0	0	*0.9	*1.0
Wind direction	W	W	W	NW	N	NE	NE	S	N	SW	SW	NW
Wind movement	7	6	5	5	4	4	3	6	4	4	3	3
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	37	35	[illegible]	32	31	31	30	24	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy			Clear				
Sunset: Time, 5:05; Character, Cloudy												
Moonset: 1:00 pm												
Sunshine (in tenths of hours)	*1.0	*1.0	*1.0	*0.7	0	0						
Wind direction	S	SW	SW	SW	E	E	E	E	E	E	E	E
Wind movement	3	4	5	4	4	6	7	8	8	9	12	11
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	23	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy; Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.4; Possible sunshine, hours, 10.
Per cent of possible sunshine, 54
Prevailing wind direction, E; Total wind 135
Average hourly velocity, 5.6; Extreme velocity,
Maximum velocity, 13; Direction, SE
Time began, 10:06 p.m.
Reduced barometer, 30.14 7 a. m. 30.17 7, p. m.
River gage, 2.1 ft
Relative humidity, 53 7 a. m. 75 7 p. m.

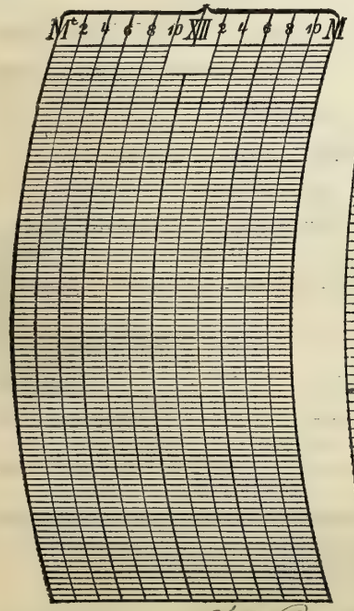
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

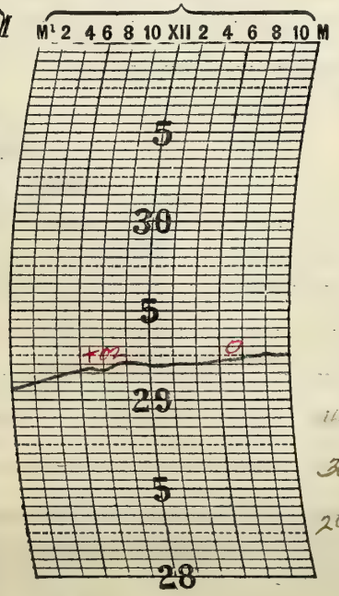
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 35.0; Wet temperature, 31.8
Dew-point, 27; R. humidity, 71; V. pressure, 143
Clouds: Amount, 10; Kind, St.; Direction, NW
Velocity of clouds (miles per hour)

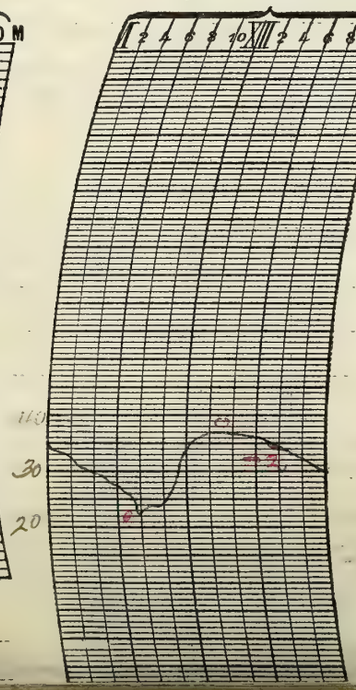
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Baker

Verified by

NOTES.

× Sunrise obscured by small but ex. Pt. St. Cloud
* Sun shining through detached clouds

Generally cloudy; fog during the forenoon; moderate temperatures; some showery

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 8 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	26	25	25	26	28	28	29	30	32
Nature of precipitation and time of beginning and ending				SI B AN	—	SI E AN			RB 8:15	—	RE 10:10	
Amounts of precipitation				—	—	—			—	—	—	
Cloudiness and other conditions											Lt Fog	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	35	36	37	37	40	40	42	42	43	45
Nature of precipitation and time of beginning and ending										RB 10:10	—	—
Amounts of precipitation											—	—
Cloudiness and other conditions						DENSE Fog						

State of weather.

Cloudy

Sunrise: Time, 6:44 Character, Cloudy

Moonrise: 4:32 am

Sunset: Time, 5:07 Character, Foggy

Moonset: 2:07 P.M.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	12	15	18	15	13	10	10	9	8	8	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	SE	SE	SE	SE	S	S	S	S	S	S
Wind movement	6	6	6	5	4	4	5	7	9	11	11	12

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	25	35	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 011 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind 218

Average hourly velocity, 9.1 Extreme velocity, 23

Maximum velocity, 21 Direction, E

Time began, 2:16 a.m.

Reduced barometer, 30.13 7 a. m. 30.00 7, p. m.

River gage, 2.25

Relative humidity, 88 7 a. m. 100 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:38 P.M.
(Local Mean Time.)

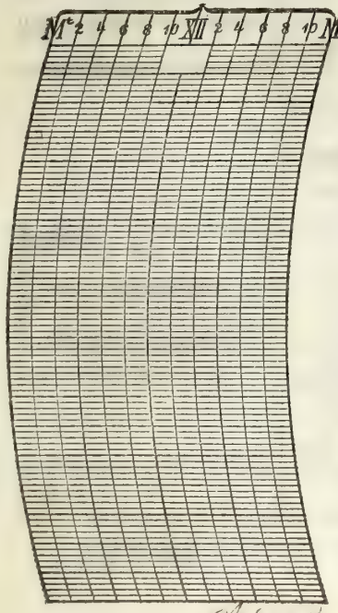
Dry temperature, 34.2 Wet temperature, 33.0

Dew-point, 31 R. humidity, 89 V. pressure, .72

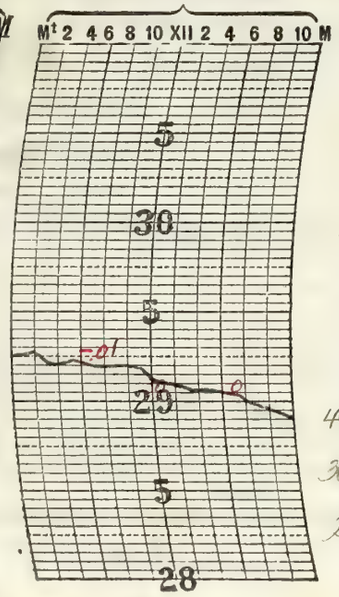
Clouds: Amount, 10; Kind, St; Direction, SE

Velocity of clouds (miles per hour)

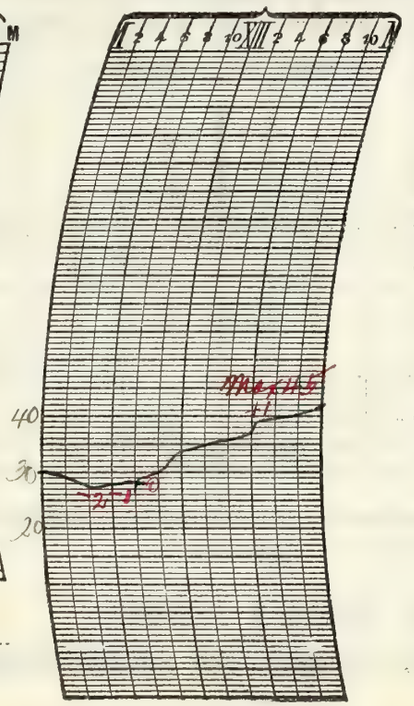
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by

Verified by

NOTES.

Cloudy with sleet in the morning and rain during the forenoon and late night. Rising temperature from the morning observation. Considerable thawing. Much slush on streets, and day generally unpleasant.

Light to dense fog during the day.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	43	38	35	32	32	31	31	29	26	26	25	25	25	26	26	27	27	26	26	25	24
State of weather: Nature of precipitation and time of beginning and ending	-	-		-	-	-	-	RF																
Amounts of precipitation	-	-	-	-	-	-	-	-																
Cloudiness and other conditions										Cloudy														
Sunshine (in tenths of hours)							0	0	0	0	0.5*	0*	1.0*	2.0*	0	0	0	0						
Wind direction	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	W	W	W	W	W	SW	SW	S
Wind movement	12	10	9	12	15	15	15	13	15	15	15	11	10	8	8	7	8	9	9	12	12	13	14	16
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:43 Character, Cloudy

Moonrise: 5:17 am

Sunset: Time, 5:08 Character, Cloudy

Moonset: 3:21 pm

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	24	35	-

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 3.7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 2.3 ins.; to 7 p. m., 7 ins.

Total precipitation, midnight to midnight, 9.15 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, Possible sunshine, hours, 11.1

Per cent of possible sunshine, 30

Prevailing wind direction, NW Total wind 283

Average hourly velocity, 11.8 Extreme velocity, 22

Maximum velocity, 28 Direction, NW

Time began, 8:42 a m

Reduced barometer, 30.29 7 a. m., 30.27 7 p. m.

River gage, 2.1 ft

Relative humidity, 95 7 a. m. 86 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

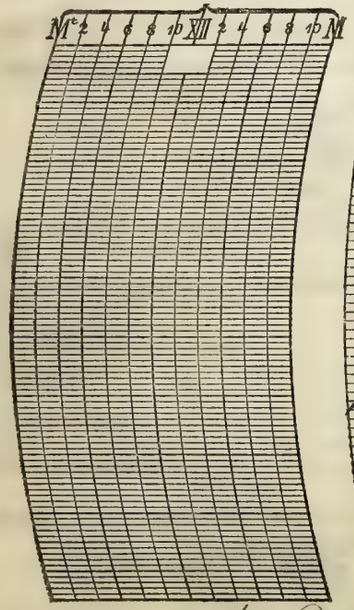
Dry temperature, 25.4 Wet temperature, 22.9

Dew-point, 7 R. humidity, 86 V. pressure,

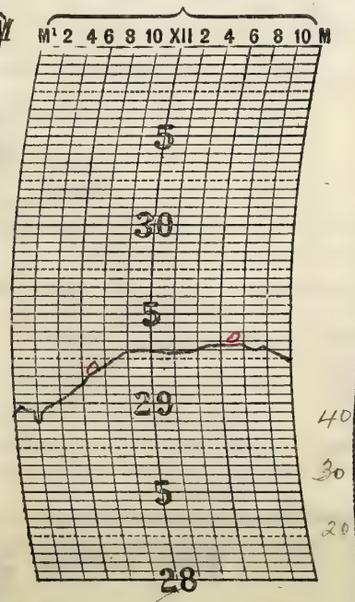
Clouds: Amount, 9; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

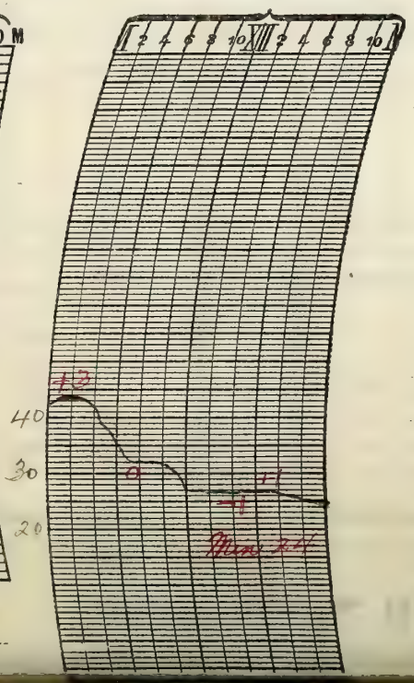
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W S Parker

NOTES.

* Estimated
# Sun shining through detached clouds

The rain continued from last night ended at 7:20 am It was attended by mild thunderstorm from 12:15 am to 12:50 am The storm moved from the southwest

The temperature rose during the early hours of the morning, but it fell quite steadily during the remainder of the day

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 10 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	25	27	28	29	32	34	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunrise: Time, 6:42; Character, Clear												
Moonrise: 5:57 am.												
Sunshine (in tenths of hours)							0	0	[illegible]	[illegible]	[illegible]	[illegible]
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	SW
Wind movement	20	18	19	15	14	15	16	21	20	20	20	18
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	38	37	36	36	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			→	Partly Cloudy				→	Clear			
Sunset: Time, 5:09; Character, Cloudy												
Moonset: 4:37 pm.												
Sunshine (in tenths of hours)	10	10	09	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	[illegible]
Wind movement	20	18	17	15	14	11	7	8	8	12	13	13
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	24	32	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground 7 p. m., 3.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 6.7 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 64
Prevailing wind direction, [illegible] Total wind [illegible]
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, [illegible] Direction, [illegible]
Time began, 12:55 a. m.
Reduced barometer, [illegible] 7 a. m. 30.[illegible] 7 p. m.
River gage, 2
Relative humidity, [illegible] 7 a. m. [illegible] 7 p. m.

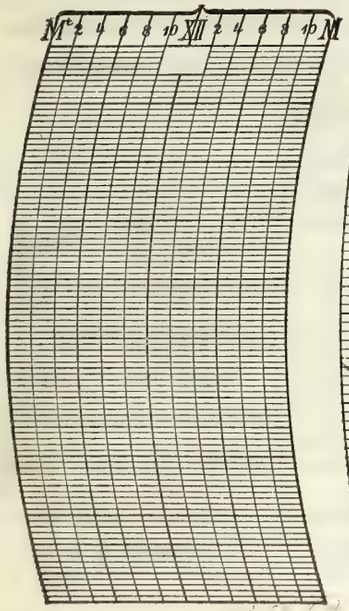
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

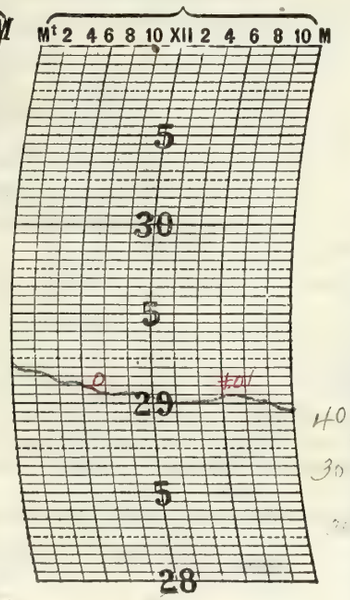
OBSERVATIONS AT ~~12 NOON.~~ 12:39 p. m.
(Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 33.7
Dew-point, 27 R. humidity, 63 V. pressure, .14
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

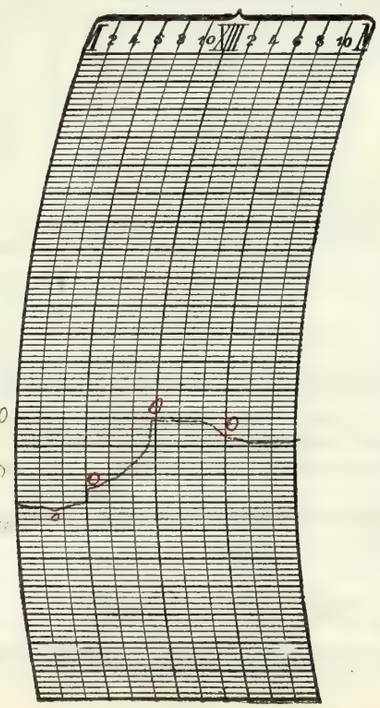
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]

Verified by ____

8—486

Sunrise obscured by

NOTES.

Clear pleasant day with moderate snowfall

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 11 1918, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	36	36	[illegible]	38	40	42	44	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)							0.32 0	0.9 0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	14	14	16	17	17	18	17	15	18	17	18
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	50	49	[illegible]	[illegible]	[illegible]	45	45	44	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending										10 9:45		—
Amounts of precipitation										—	—	—
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 0	0.17 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	15	17	17	15	17	16	20	18	15	15	12
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:41 Character, Clear
Moonrise: 6:32 A.M.

Sunset: Time, 5:10 Character, Clear
Moonset: 5:54 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

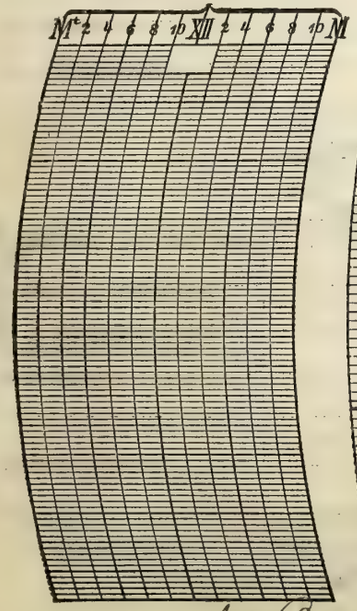
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35		

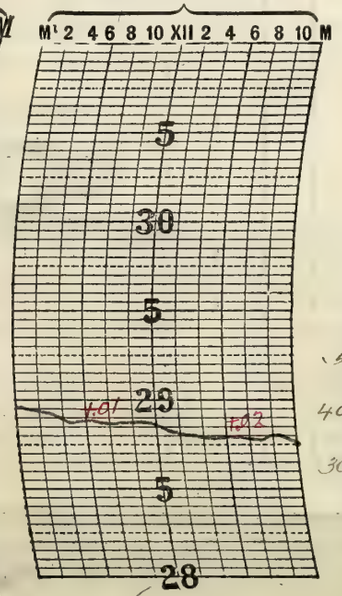
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., inches.
Total snowfall, midnight to midnight, inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon
Average daily cloudiness (0–10), 0
Actual sunshine, hours, 10.5 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 100
Prevailing wind direction, Total wind
Average hourly velocity, 16.2 Extreme velocity, 26
Maximum velocity, 24 Direction, S.W.
Time began, 9:41 p. m.
Reduced barometer, 7 a. m. 7 p. m.
River gage, 6.2 p.
Relative humidity, 69 7 a. m. 69 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 48.5 Wet temperature,
Dew-point, 34 R. humidity, 57 V. pressure, 1.95
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

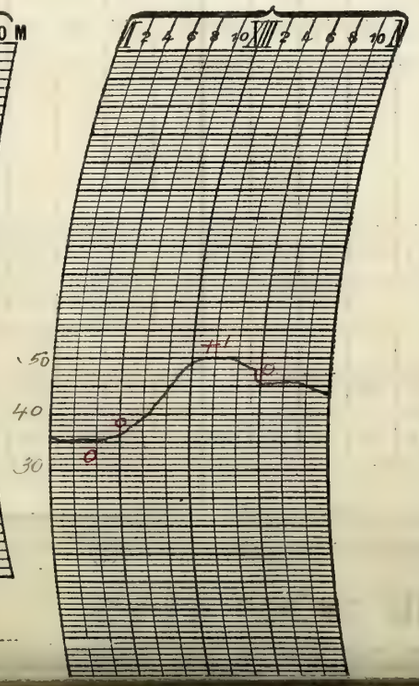
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W S Parker

Verified by

NOTES.

Ø Estimated

This was an exceptionally fine warm, and clear day but clouds began to form soon after the prev. observation, and rain began at 9:45 pm and continued into the next day.

FORM NO. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 12 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	43	44	43	43	43	43	43	48	47
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SE	SE	S
Wind movement	12	13	13	13	12	10	11	10	10	9	12	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	41	38	36	36	34	33	33	32	32	32
State of weather: Nature of precipitation and time of beginning and ending	–	–	RE 2:55			RB 5:55	–	RE 7:15				
Amounts of precipitation	–	–	—			–	–	—				
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	27	20	18	18	16	15	13	10	10	10	8
Maximum velocities (exceeding 29 miles) direction and time	33 SW 1:04	33 SW 1:04										

Sunrise: Time, 6:38; Character, Cloudy. Moonrise: 10:38 A.M.

Sunset: Time, 5:12; Character, Cloudy. Moonset: 7:11 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

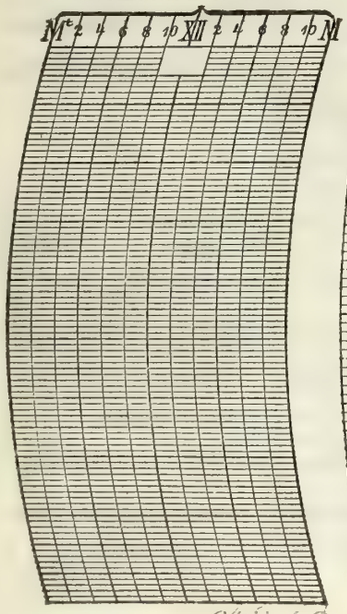
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.06 ins.; to 7 p. m., 0.68 ins.
Total precipitation, midnight to midnight, 0.74 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 328
Average hourly velocity, 13.7 Extreme velocity, 37
Maximum velocity, 33 Direction, SW
Time began, 1:02 p.m.
Reduced barometer, 29.524 a. m. 29.727 p. m.
River gage, 10.8 ft.
Relative humidity, 100 a. m. 95 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m. (Local Mean Time.)

Dry temperature, 46.7 Wet temperature, 46.3
Dew-point, 46 R. humidity, 97 V. pressure, .310
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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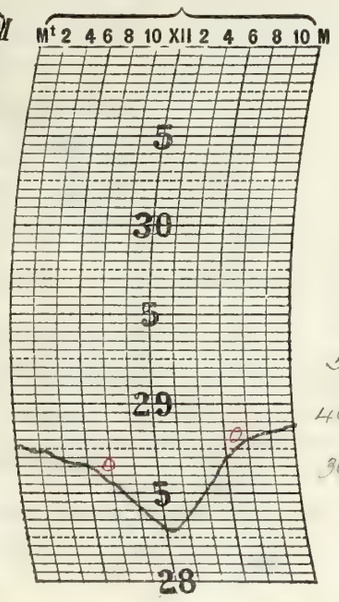

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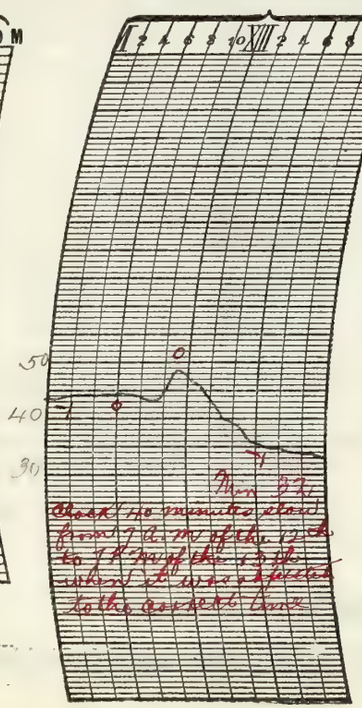


Prepared by W. S. Baker

Verified by

NOTES.

Estimated

The ice broke up in the St. Marys river during the night of the 11th, 12th. The ice was about 15 inches thick and formed a gorge below the Clinton street bridge. The gorge crowded up the river to Wells street, a distance of three blocks.

The river at 7 a.m. read 10.8 feet, a rise of 4.6 feet since yesterday morning, having at least an inch of rainfall, in addition to the run-off from melting snow. A crest stage of 17.5 feet was predicted by the night of the 12th. The maximum was in excess of this.

A gorge formed on the St. Joseph river at the Jefferson avenue bridge and extended a considerable distance upstream.

Cloudy with moderate temperature and no snow. Rain.

Log covering the forenoon

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 13 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	[illegible]	[illegible]	[illegible]	[illegible]	31	31	31	37	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy					Partly	
Sunshine (in tenths of hours)							0	0	0	0	0	0.3
Wind direction	NW	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	7	5	7	6	7	6	7	8	8	9	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	[illegible]	44	44	43	42	42	42	40	40	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	1.0	0.22						
Wind direction	SW	SW	SW	S	S	S	S	SE	SE	SE	SE	SE
Wind movement	10	10	12	10	8	8	6	8	8	11	11	9

Sunrise: Time, 6:38 Character, Cloudy

Moonrise: 7:34 AM.

Sunset: Time, 5:13 Character, Clear

Moonset: 8:28 PM.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44.5	36	39	—

Total depth of snow for 24 hours ending ___ p. m., 0 inches.

Snow, sleet, and hail on ground ___ p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase, ___

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 5.6 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 53

Prevailing wind direction, SW Total wind 200

Average hourly velocity, 8 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 2:48 p. m.

Reduced barometer, 29.97 7 a. m. 30.06 p. m.

River gage, 17.3

Relative humidity, 84 7 a. m. 65 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

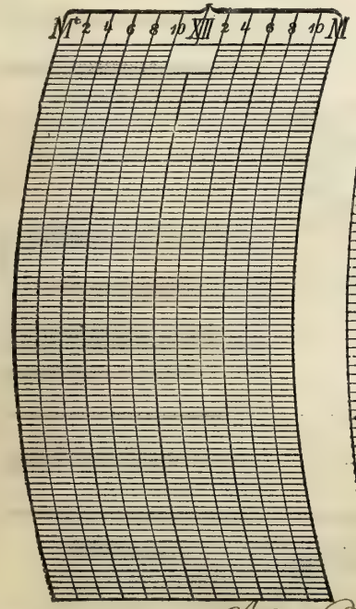
Dry temperature, 40.0 Wet temperature, 36.8

Dew-point, 33.3 R. humidity, 74 V. pressure, .187

Clouds: Amount, 3; Kind, Ci Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



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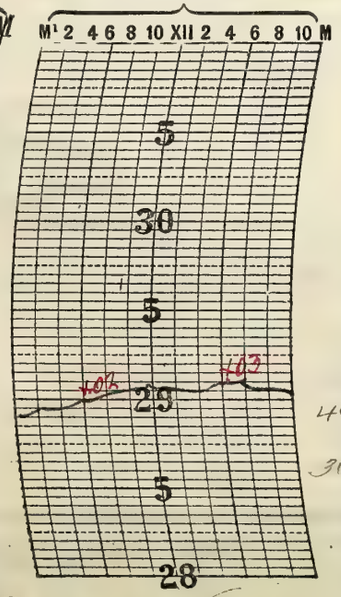
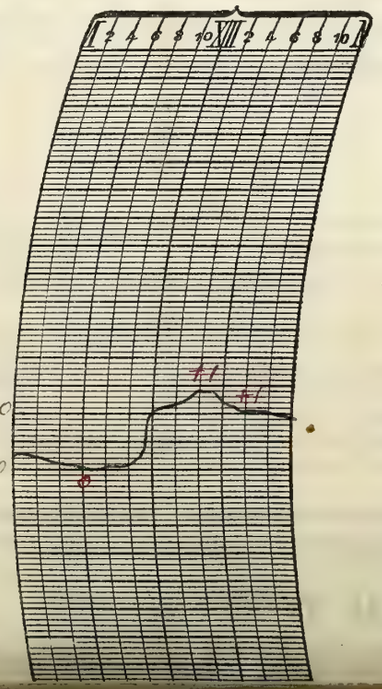


THERMOGRAPH.



NOTES.

The St. Joseph river forge disappeared during the night of 12-13th.

The river attained at stage of 17.3 at 7 am and at 11:30 am it had reached 17.5 feet. The forge on the St. Marys River extended still further up the river.

Decreasing cloudiness and rising temperature from the a.m. observation. Day fair after 10 am.

Prepared by W S Baker

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 14 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	37	36	36	41	43	46	52	56	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy					
Sunshine (in tenths of hours)							2	6	11	10	10	10
Wind direction	SE	SE	SE	E	SE	SE	SE	SE	S	S	S	S
Wind movement	8	7	6	8	9	10	13	11	18	20	21	24
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	61	56	55	54	51	50	48	45	42
State of weather: Nature of precipitation and time of beginning and ending				R 3	R 4:25 R 4:35 R 4:45 R 5:05							
Amounts of precipitation												
Cloudiness and other conditions			Pt. Cloudy		Cloudy		Clear					
Sunshine (in tenths of hours)		0.6	0.8	0.2	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW		
Wind movement	30	28	30	30	26	20	19	18	23	30	34	39
Maximum velocities (exceeding 29 miles) direction and time	36 SW 1:35	32 SW 1:50	31 SW 2:43	32 SW 3:07	43 SW 4:50					33 SW 7:00	37 SW 10:00	36 SW 11:00

Sunrise: Time, 6:37 Character, Cloudy

Moonrise: 4:05 AM.

Sunset: Time, 5:44 Character, Cloudy

Moonset: 9:43 PM

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	36	50	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .27 ins.

Total precipitation, midnight to midnight, .27 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.3 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 6

Prevailing wind direction, SW Total wind 479

Average hourly velocity, 22 Extreme velocity,

Maximum velocity, 1 Direction,

Time began, 4:54 P. M.

Reduced barometer, 29.71 7 a. m. 29.44 7 p. m.

River gage, 18.7 ft.

Relative humidity, 71 7 a. m. 98 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm (Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 53

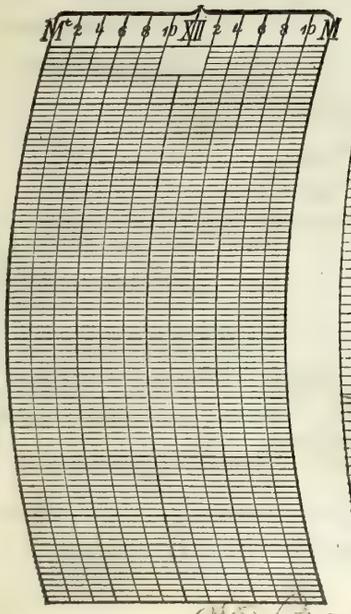
Dew-point, 44 R. humidity, 53 V. pressure, .28

Clouds: Amount, 4; Kind, Cir.; Direction,

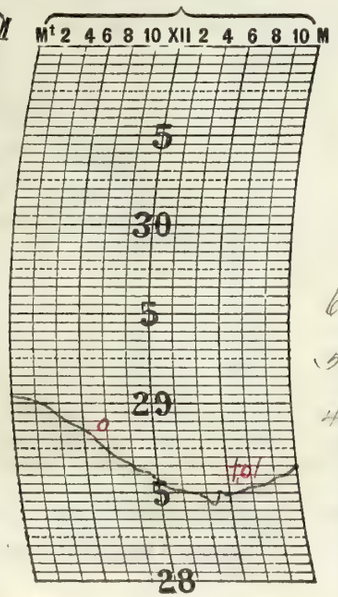
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

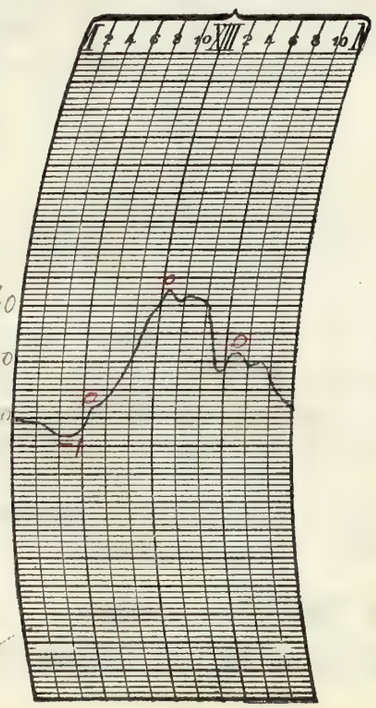
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

River at 7 am stood at 18.7 feet. In anticipation of more rain a stage of 21.4 feet was predicted for Saturday.

A cold wave warning was received at 9:15 am.

The greater part of the day was pleasant with high temperature, but weather became threatening in the afternoon, with a thunder storm from 4:48 pm to 5:00 pm. The storm was attended by a heavy shower, some hail about 1/4 inch in diameter, and high wind which prostrated the Traction Company's lighting and power lines, and as a result there was no light or power for this Company's patrons after 5:15 pm.

The air pain on the St. Marys was attended to during park, but the gorge moved out at 12:15 pm.

Prepared by W S Sauer

Verified by

9—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 16 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	34	33	26	25	22	21	21	20	22	22	23
State of weather: Nature of precipitation and time of beginning and ending							Sm 3:10	—	—	—	Sm E 10:25	
Amounts of precipitation							—	—	—	—	—	
Cloudiness and other conditions				Cloudy							Pt.	
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	1.0
Wind direction	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	31	35	33	32	27	21	21	21	20	21	18	15
Maximum velocities (exceeding 22 miles) direction and time	36 SW 12:[illegible]	42 W 1:[illegible]	33 W 2:[illegible]	37 NW 3:[illegible]	31 NW 4:[illegible]	30 NW 5:07						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	26	26	26	25	25	25	25	25	25	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy					Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0	0.						
Wind direction	NW	N	N	NW	NW	N	N	NE	NE	NE	E	NE
Wind movement	15	11	9	8	7	5	5	7	8	10	10	10

Sunrise: Time, 6:35; Character, Cloudy

Moonrise: 8:37 am

Sunset: Time, 5:15; Character, Cloudy

Moonset: 10:57 P.M.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	20	3	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 5.2 Possible sunshine, hours, 10.7

Per cent of possible sunshine, 49

Prevailing wind direction, Total wind

Average hourly velocity, Extreme velocity,

Maximum velocity, 42 Direction, W

Time began, 1:02 a. m.

Reduced barometer, 30.25 7 a. m., 30.11 7, p. m.

River gage, 20.5 27

Relative humidity, 7 a. m. 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 12:38 p.m.
(Local Mean Time.)

Dry temperature, 22.9 Wet temperature, 20.4

Dew-point, 14 R. humidity, 61 V. pressure, .07

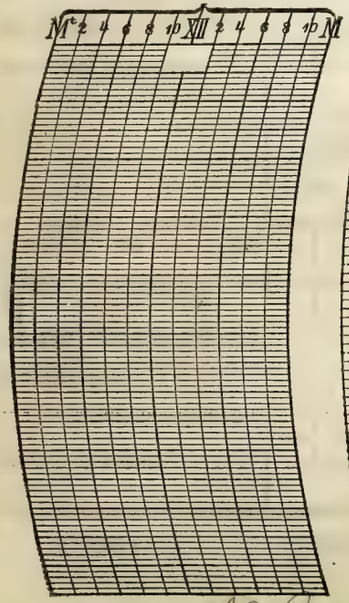
Clouds: Amount, 5; Kind, St Cu; Direction, NW

Velocity of clouds (miles per hour)

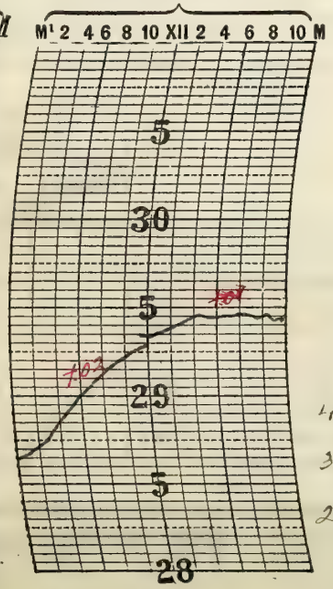
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

THERMOGRAPH.



BAROGRAPH.



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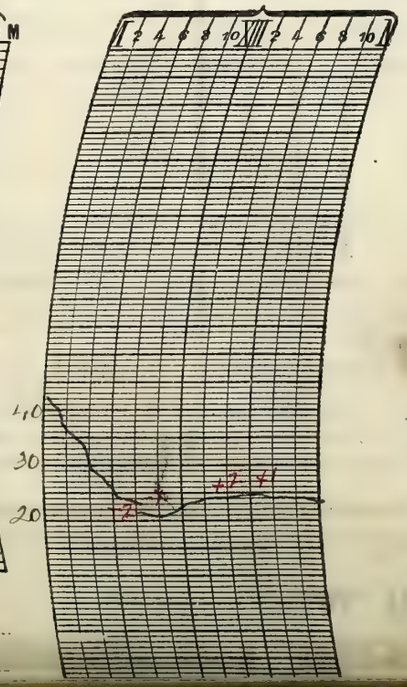


NOTES.

The river attained a stage of 20.5 feet at 7 am, and as freezing weather has suspended the surface flow this stage is probably the crest of the present flood.

The weather was much colder today, with snow flurries during the forenoon.

A faint lunar halo, 22° radius, was observed at 6.40 p.m.

Owing to the crippled condition of the Traction Company's lines, this office and many other buildings and business concerns were without light and power.

Prepared by W S Baker

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 16 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	22	21	20	19	18	18	18	19	19
State of weather: Nature of precipitation and time of beginning and ending			Sm E 4-4	–	–	–	–	–	–	–	–	Sm E 1-4
Amounts of precipitation			–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions					←			C	l	o	u	
Sunrise: Time, 6.[illegible] Character, Cloudy												
Moonrise: 9:15 PM												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	NE	NE	NE	NE
Wind movement	10	11	10	13	15	14	14	13	11	10	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	19	20	20	20	20	19	18	17	15
State of weather: Nature of precipitation and time of beginning and ending		Sm E 1-30	–	–	–	Sm E 3-00					Sm E 10:15	Sm E 11-N
Amounts of precipitation		–	–	–	–	–					–	–
Cloudiness and other conditions	d	y						→				
Sunset: Time, 5.[illegible] Character, Cloudy												
Moonset: – – –												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	7	5	6	8	5	6	7	10	11	10	12

Maximum velocities (exceeding 60 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	16	20	

Total depth of snow for 24 hours ending 7 p. m., .5 inches.

Snow, sleet, and hail on ground 7 p. m., 4 inches.

Total snowfall, midnight to midnight, .5 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind 239

Average hourly velocity, 12 Extreme velocity,

Maximum velocity, 18 Direction,

Time began, 6:32 a. m.

Reduced barometer, [illegible] 7 a. m. [illegible], p. m.

River gage, 2.0

Relative humidity, 92 7 a. m. 78 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:28 p.m.
(Local Mean Time.)

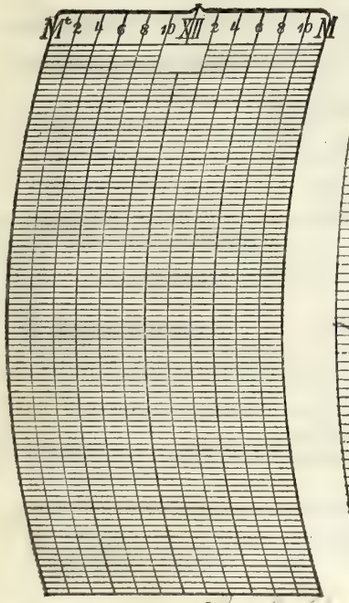
Dry temperature, 18.2 Wet temperature, 17.8

Dew-point, 17 R. humidity, 94 V. pressure, .08

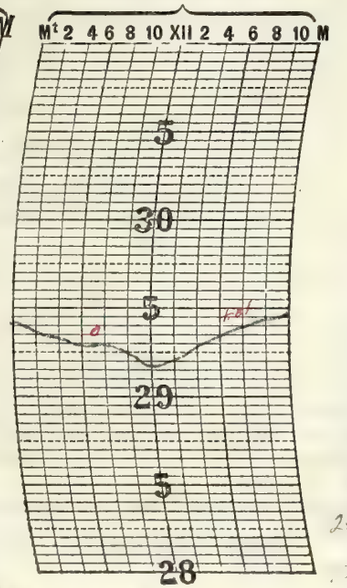
Clouds: Amount, 10; Kind, St; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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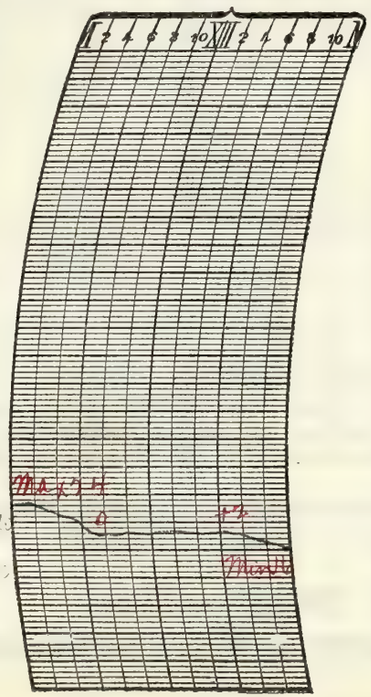


NOTES.

The river stage this morning was 20.4 feet, a fall of 0.1 foot since yesterday.

After 48 hours without power and light the services became available at about 4:45 P.M.

Check [illegible] of [illegible]

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 17 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	15	14	13	12	11	10	10	12	14	16	18	20	21	23	23	22	21	20	19	17	17	16	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)							0.45 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.30 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	NW	NW	NW	NW	NW	NW	E	E	E	SE	SE	SE	SE
Wind movement	9	5	4	6	4	4	5	5	5	5	6	5	5	5	6	4	4	3	2	4	5	4	4	6
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 6:33 Character, Clear

Moonrise: 9:55 AM

Sunset: Time, 5:18 Character, Clear

Moonset: 12:08 A.M.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	16	20.5	

Total depth of snow for 24 hours ending 7 p. m., 1 inches.

Snow, sleet, and hail on ground 7 p. m., 1 inches.

Total snowfall, midnight to midnight, 2 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, First Quarter

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.8 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind 115

Average hourly velocity, 4.6 Extreme velocity, 11

Maximum velocity, 11 Direction, NW

Time began, 12:12 a. m.

Reduced barometer, 30.56 7 a. m. 30.53 7 p. m.

River gage, 18.6

Relative humidity, 85 7 a. m. 53 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

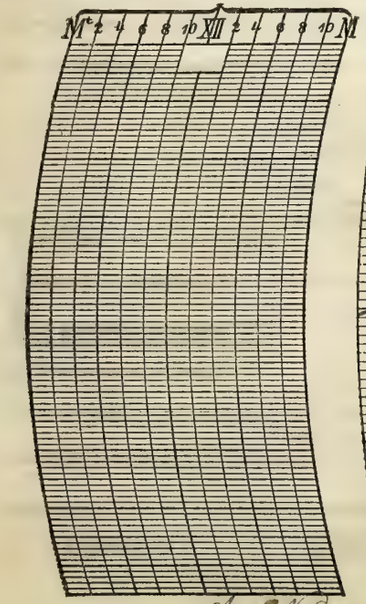
Dry temperature, 20.4 Wet temperature, 11

Dew-point, 11 R. humidity, 63 V. pressure, .16

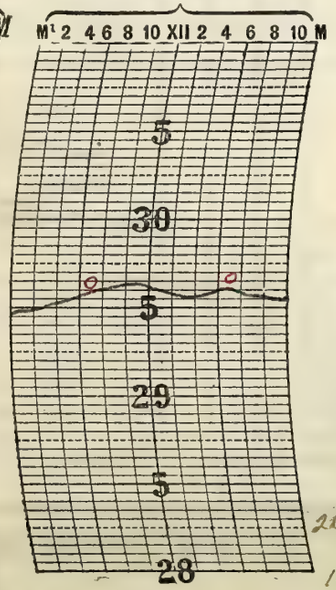
Clouds: Amount, 3; Kind, St Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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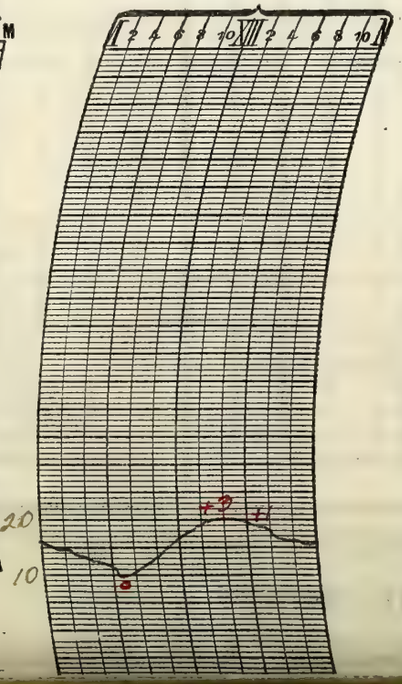


NOTES.

Clear and Cool
River highest that
fall

Prepared by A. S. Baker

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 18 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	16	16	16	15	15	17	20	25	27	31	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt Cloudy					C	
Sunshine (in tenths of hours)							0	0.2	0.8	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	6	6	4	4	5	4	5	8	10	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	41	42	43	43	42	41	41	41	42	43	45
State of weather: Nature of precipitation and time of beginning and ending												KB 11:55
Amounts of precipitation												—
Cloudiness and other conditions						Pt Cloudy		Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	SE	SE	SE	SE	SE	S	S	S	S	S	S	S
Wind movement	11	13	12	11	9	9	11	12	14	15	13	16

Sunrise: Time, 6:31 Character, Cloudy

Moonrise: 10:42 P.M.

Sunset: Time, 5:19 Character, Cloudy

Moonset: 1:15 P.M.

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	15	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 8.1 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 75

Prevailing wind direction, SE Total wind 225

Average hourly velocity, 9.3 Extreme velocity, 18

Maximum velocity, 18 Direction, S

Time began, 11:15 p. m.

Reduced barometer, 30.06 7 a. m. 30.05 7 p. m.

River gage, 16.8 ft

Relative humidity, 80 7 a. m. 55 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m. (Local Mean Time.)

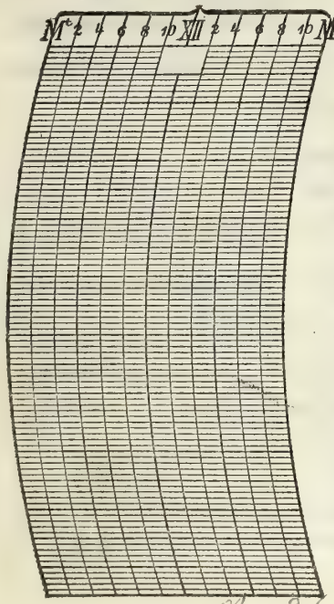
Dry temperature, 34.1 Wet temperature, 30.6

Dew-point, 25 R. humidity, 67 V. pressure, 13

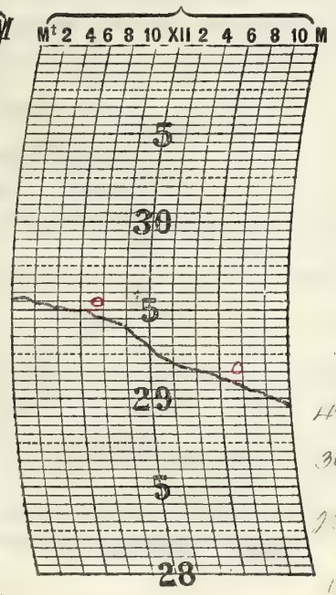
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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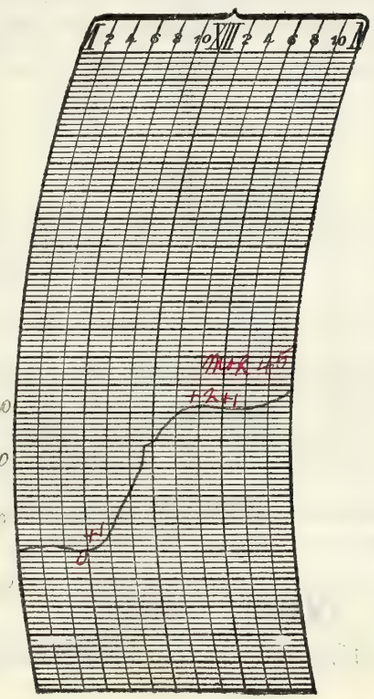


NOTES.

Rain commenced yesterday evening and continued during the night and forenoon.

Cloudy at night with rain beginning at 11:55 p.m. Rising temperature during the day.

Light fog from from 7:05 a.m. to 8:00 a.m.

Prepared by N. S. Jones

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 19 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	47	46	49	49	49	49	49	50	50	52
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	RE 10:32	
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	
Cloudiness and other conditions								24 7:18				
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	18	21	21	27	25	19	18	19	19	21	21
Maximum velocities (exceeding 2 miles) direction and time						32 SW 9:22						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	54	54	54	54	50	55	48	40	35	32	
State of weather: Nature of precipitation and time of beginning and ending		RS 1:00	–	–	–	RE 5:50	/					
Amounts of precipitation		–	–	–	–	–						
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW
Wind movement	21	25	26	28	31	26	26	29	25	27	24	20
Maximum velocities (exceeding 2 miles) direction and time			30 SW 2:44	30 SW 3:32	36 SW 4:12	32 W 5:44	33 W 6:32	37 W 7:06		32 W 9:23		

Cloudy

Sunrise: Time, 6:30; Character, Cloudy; Moonrise: – – –

Sunset: Time, 5:20; Character, Cloudy; Moonset: 2:15 a.m.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54			

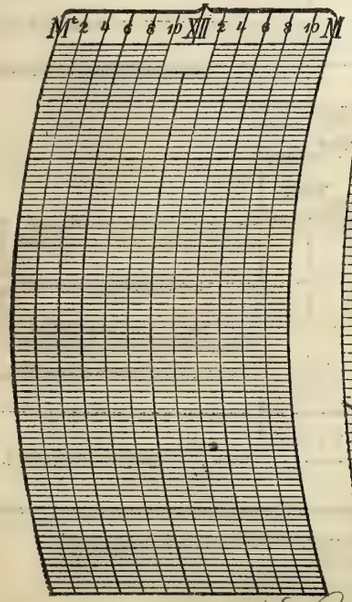
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .30 ins.; to 7 p. m., .34 ins.
Total precipitation, midnight to midnight, .64 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 5565
Average hourly velocity, 23.21 Extreme velocity, 40
Maximum velocity, 27 Direction, N
Time began, 4:46 p.m.
Reduced barometer, 29.73 a. m. 29.55 7, p. m.
River gage, 14.5 ft.
Relative humidity, 92 7 a. m. 74 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m. (Local Mean Time.)

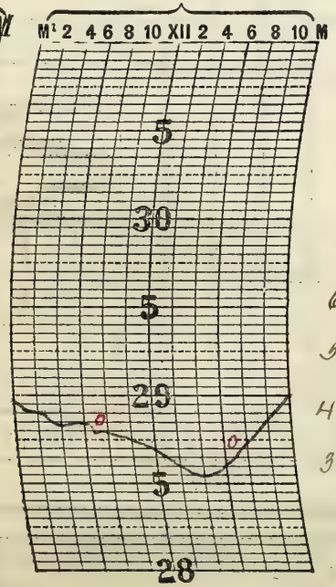
Dry temperature, 51.0 Wet temperature, 50.3
Dew-point, 50 R. humidity, 96 V. pressure, .360
Clouds: Amount, 10; Kind, St.; Direction, 0
Velocity of clouds (miles per hour)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

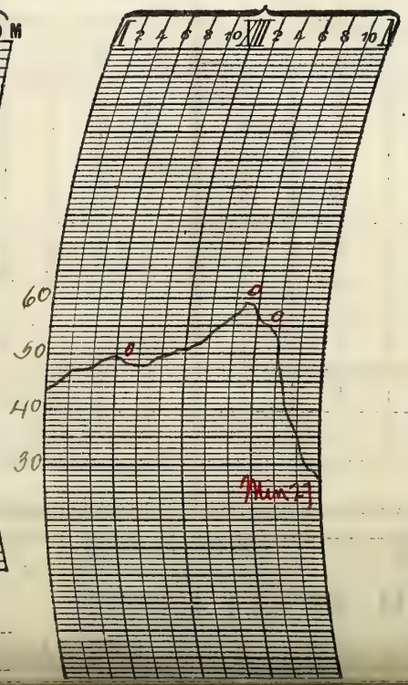
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Baker

Verified by

NOTES.

Light fog from 7:30 am. to 9:10 am.

The rain continued from last night ended at 10:30 am., it began again at 1:00 pm and ended [illegible]

A cold wave warning was received at 9:20 am.

A flood warning covering a stage of 17 feet by Wednesday was issued at 11 am.

A thunder storm occurred during the night of the a.m.

Brisk southerly to westerly winds during the day. High temperatures prevailed during the greater part of the day, but the weather became decidedly colder in the last night.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 20 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	23	19	17	14	10	10	10	10	11	13
State of weather: Nature of precipitation and time of beginning and ending		✓	Sd B A.N.	Sd E A.N.						Sd B 9:40	–	Sd E 11:15
Amounts of precipitation			–	–						–	–	–
Cloudiness and other conditions						←	Pt			Cloudy		
Sunrise: Time, Character,	6:29 Cloudy											
Moonrise:	12:33 PM.											
Sunshine (in tenths of hours)							0	0.3	0.5	0.4	0.7	0.8
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	21	23	21	21	19	17	18	18	16	16	16	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	14	13	12	11	9	6	5	5	4	4	3
State of weather: Nature of precipitation and time of beginning and ending	Sd B 12:15 E 12:50	✓										
Amounts of precipitation	–											
Cloudiness and other conditions	→			Pt Cldy		Clear						
Sunset: Time, Character,									5:21 Clear			
Moonset:									9:06 PM			
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.6	0.7 0.3	0.35 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	19	18	20	17	16	15	15	15	13	15	13	13

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	3	15	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 7.6 Possible sunshine, hours, 10.9

Per cent of possible sunshine, 70

Prevailing wind direction, NW Total wind 412

Average hourly velocity, 17.2 Extreme velocity, 32

Maximum velocity, 28 Direction, NW

Time began, 1:29 a. m.

Reduced barometer, 30.32 7 a. m. 30.24 7 p. m.

River gage, ✓ 17.0 ft

Relative humidity, 74 7 a. m. 85 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:35 p.m.
(Local Mean Time.)

Dry temperature, 13.2 Wet temperature, 11.7

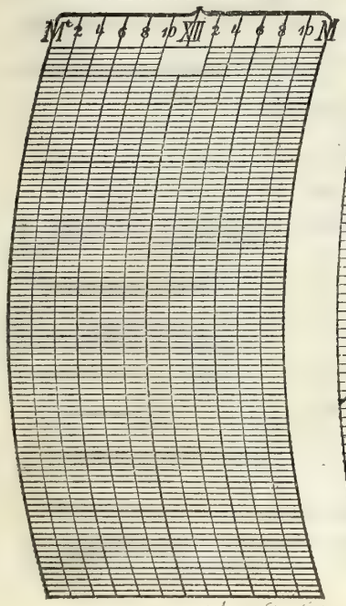
Dew-point, 7 R. humidity, 71 V. pressure, .05

Clouds: Amount, 6; Kind, Strat; Direction, NW

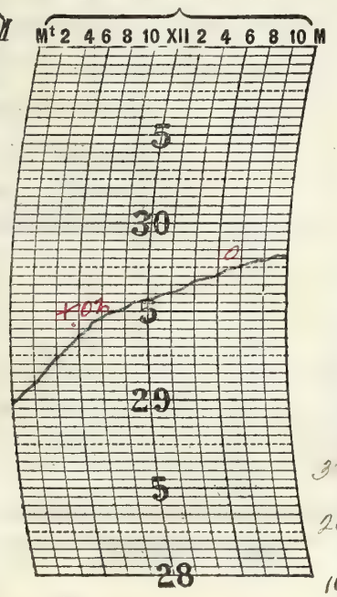
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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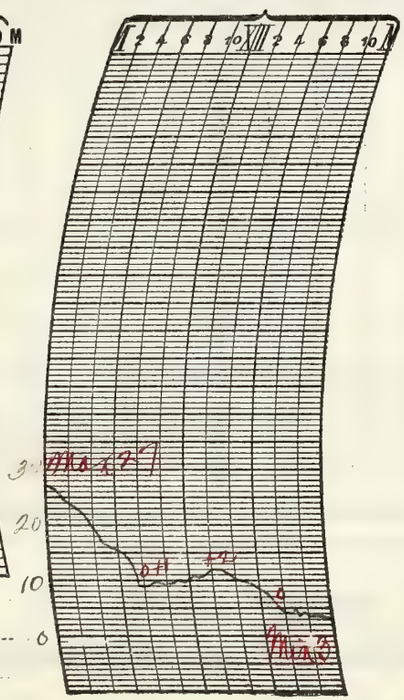


Prepared by N. Stoker

Verified by

8—485

NOTES.

Snow & flurries occurred during the first half of day. Much colder, the cold wave warning of yesterday having been in effect. Very cloudy with prevailing northwest winds.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 21 1918, 191

Time (local standard), mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	3	3	2	1	1	-1	-1	-1	0	2	6	7	9	12	13	17	17	16	15	15	15	16	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear						Pt			Cloudy					Clear				
Sunrise: Time, Character	6.27 Clear																				Sunset: Time, Character	5.22 Cloudy		
Moonrise	1.33 PM																				Moonset			
Sunshine (in tenths of hours)							0.55 0	0.8 0.2	0.6	1.0	1.0	1.0	1.0		0.6	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW		W		NW	NE	NE	NE	SE	S	S	SE	SE	S	S	S
Wind movement	14	13	14	12	11	11	10	8	8	9	8	7	6	7	3	4	5	8	6	8	8	7	8	9
Maximum velocities (exceeding 27 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	1	9	

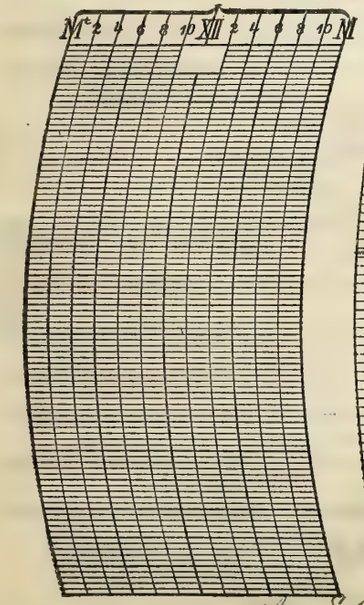
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4.
Actual sunshine, hours, 7.8 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 72
Prevailing wind direction, NW Total wind 204
Average hourly velocity, Extreme velocity,
Maximum velocity, Direction,
Time began, 12:11 a. m.
Reduced barometer, 30.90 7 a. m. 30.67 7 p. m.
River gage, 15.4
Relative humidity, 70 7 a. m. 70 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

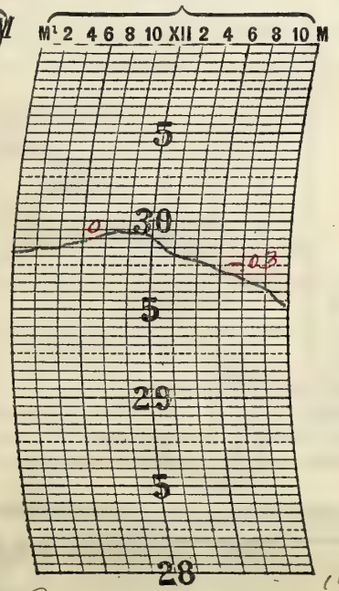
OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM
(Local Mean Time.)

Dry temperature, 9.4 Wet temperature, 8.0
Dew-point, 21 R. humidity, 69 V. pressure, .042
Clouds: Amount, 3 ; Kind, Ast ; Direction, W
Velocity of clouds (miles per hour)

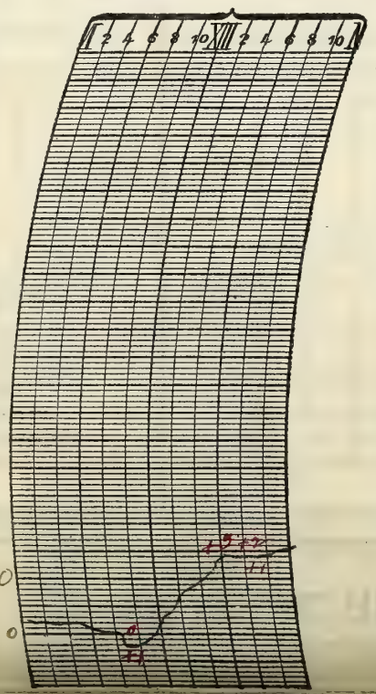
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

River still above flood stage but falling.
Clear to partly cloudy weather.
Cold, but slowly rising temperature.
A zero-hour reading of 22° was observed at 9.40 pm, and a lower one was noted at 9.45 pm.

Prepared by H. S. Baker

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 22 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	17	18	18	18	18	17	18	21	24	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy							C
Sunshine (in tenths of hours)							0	0.3	0.5	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	10	11	10	10	11	13	17	19	15	17	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	31	32	32	32	31	29	28	27	26	27	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8							
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	19	18	17	16	14	10	8	8	10	11	14	14

Sunrise: Time, 6:26; Character, Cloudy. Moonrise: 2:35 P.M.

Sunset: Time, 5:24; Character, Cloudy. Moonset: 4:29 AM

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32.	16	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.6 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 78

Prevailing wind direction, SW-W Total wind 318

Average hourly velocity, 13.3 Extreme velocity, 22

Maximum velocity, 24 Direction,

Time began, 11:40 p.m.

Reduced barometer, 30.22 7 a. m. 30.16 7 p. m.

River gage, 13.9 ft.

Relative humidity, 65 7 a. m. 62 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

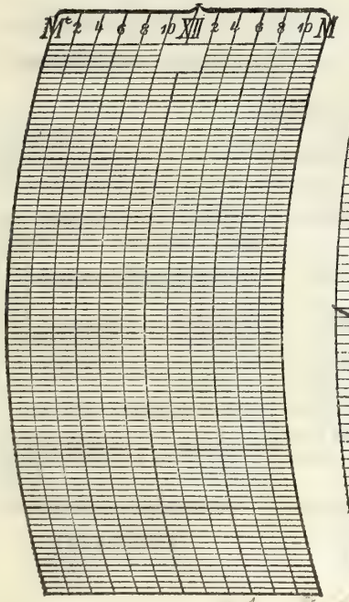
Dry temperature, 23.9 Wet temperature, 20

Dew-point, 11 R. humidity, 55 V. pressure, .06

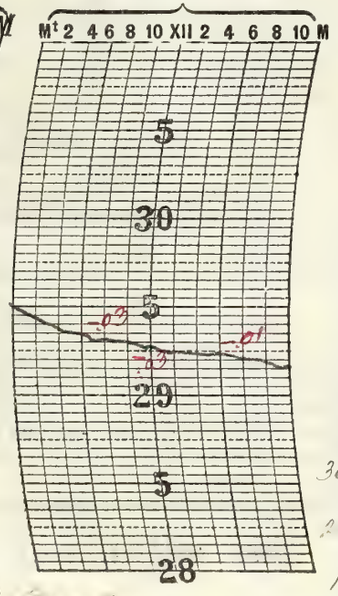
Clouds: Amount, 0; Kind, 0; Direction,

Velocity of clouds (miles per hour)

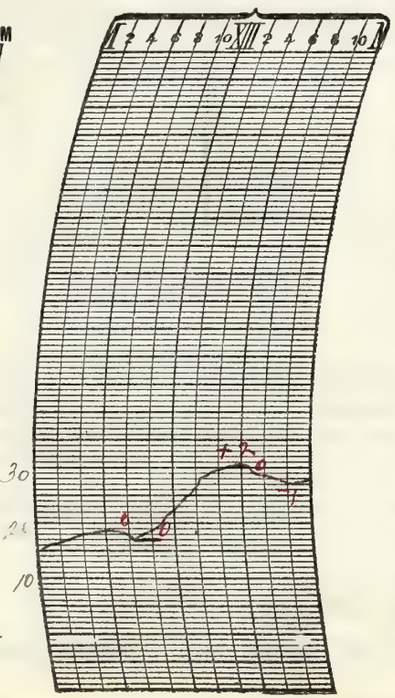
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Parker

Verified by [illegible]

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NOTES.

Cloudy and dry in the forenoon and generally clear during the afternoon and night. Cold, but weather moderating.

Sunset observed by Bureau of Standards.

Clouds began to appear at 4:00 p.m. with rain or sleet. Clouds began moving from the northwest.

Moon visible by the light of the full moon.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 23 1918, 191

Time (local standard), 75th mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	28	28	26	29	[illegible]	32	36	[illegible]	43	45	45	49	49	[illegible]	[illegible]	[illegible]	[illegible]	43	42	[illegible]	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear										Partly Cloudy		Clear					
Sunrise: Time, 6:24 Character, Clear																					Sunset: Time, 5:25 Character, Cloudy			
Moonrise: 2:34 P.M.																					Moonset: 5:01 A.M.			
Sunshine (in tenths of hours)							0.60 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.8	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	16	15	16	18	17	17	19	22	24	22	21	19	21	21	20	19	15	14	14	13	12	17	19
Maximum velocities (exceeding 7.9 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

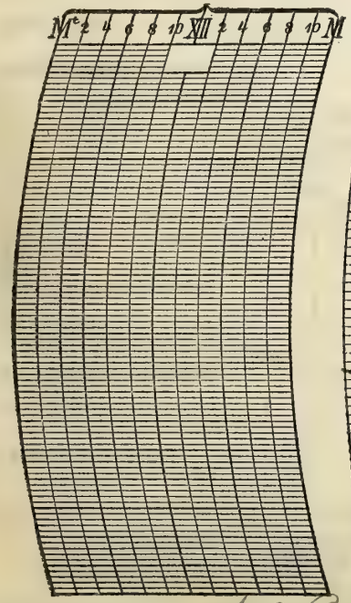
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	27	38.5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 9
Prevailing wind direction, SW Total wind 427
Average hourly velocity, 17.8 Extreme velocity, 27
Maximum velocity, 27 Direction, SW
Time began, 9:13 a. m.
Reduced barometer, 29.94 7 a. m. 29.76 7 p. m.
River gage, 12.5 ft
Relative humidity, 61 7 a. m. 63 7 p. m.

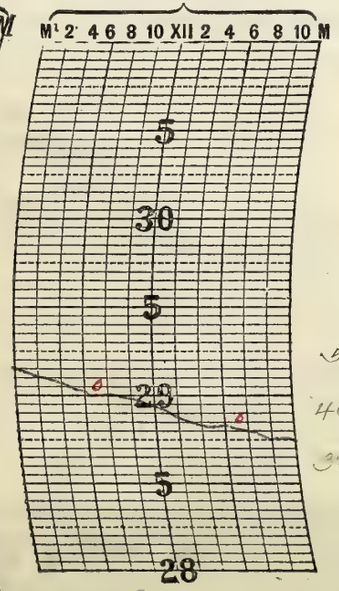
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 46.2 Wet temperature, 43.0
Dew-point, 40 R. humidity, 77 V. pressure, .247
Clouds: Amount, 2; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

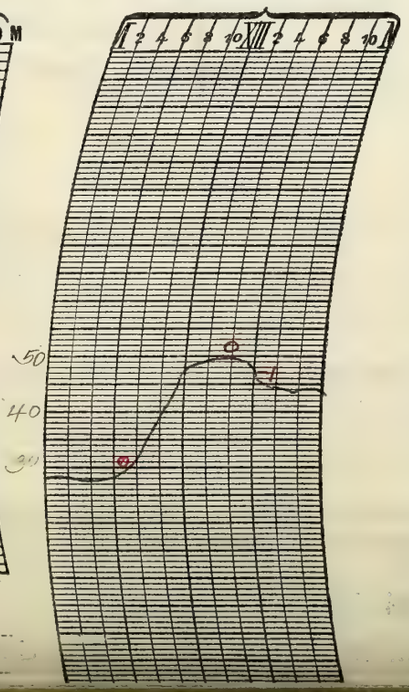
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, warm and fair weather

Prepared by H. S. Baker

Verified by T. M. Hanough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 24 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	42	42	42	44	43	45	47	47	49
State of weather: Nature of precipitation and time of beginning and ending												RB 11:40
Amounts of precipitation												—
Cloudiness and other conditions						Pt. Cloudy →					← Cloudy	
Sunrise: Time, 6:23; Character, Cloudy												
Moonrise: 4:39 PM												
Sunshine (in tenths of hours)							0	0	0.4	0.5	0.2	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	18	19	16	13	15	20	21	18	18	15	15
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	51	51	50	47	45	45	44	43	39	35
State of weather: Nature of precipitation and time of beginning and ending	RE 12:10											
Amounts of precipitation	—											
Cloudiness and other conditions		Pt. Cloudy →					Clear →				→ Cloudy	
Sunset: Time, 5:26; Character, Cloudy												
Moonset: 5:44 AM												
Sunshine (in tenths of hours)	0.4	0.8	1.0	0	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	11	12	11	9	8	8	9	9	6	4	3	1
Maximum velocities (exceeding 27 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

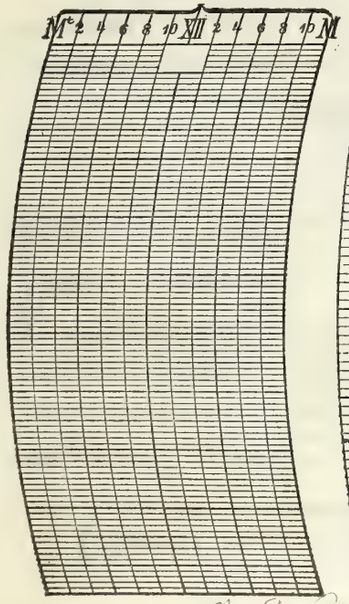
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.6 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind 298
Average hourly velocity, 12.4 Extreme velocity,
Maximum velocity, 24 Direction, SW
Time began, 7:12 am
Reduced barometer, 29.62 7 a. m. 29.70 7 p. m.
River gage, 9.9 ft.
Relative humidity, 78 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 46.8 Wet temperature, 44.3
Dew-point, 42 R. humidity, 83 V. pressure, .266
Clouds: Amount, 2; Kind, St.; Direction, SW
Velocity of clouds (miles per hour)

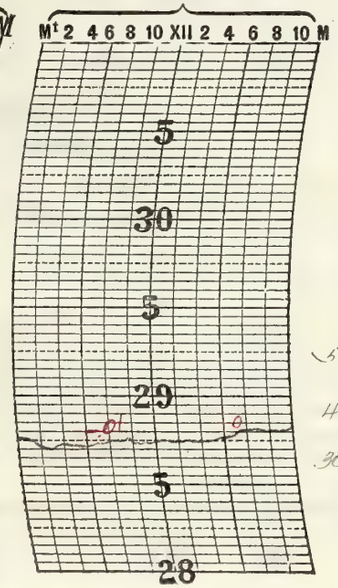
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

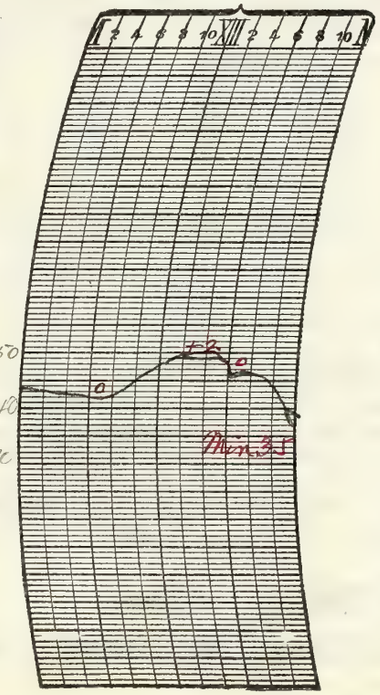
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. J. Parker
Verified by P. McKavanagh

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NOTES:

A very clear in the early morning—
Light rain occurred in the late forenoon
Mild temperatures during the day—
The day was mostly partly cloudy
Light snow set in at 9:45 p.m. amounting to trace for 24 hours ending 7 a.m. 0.10 fell on thick continued into the next day. The roads showed no trace of snow that only the faint outlines of houses and other objects could be perceived at a distance.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 25 1918, 191

Time (local standard), mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	31	33	34	38	42	43	44	50	52	53	56	57	57	44	40	39	30	29	28	27	27
State of weather: Nature of precipitation and time of beginning and ending						R	RB 6:30 RE 6:40								RS	–	–	RE 5:45	RB 6:30	–	SN 7:00 SB 8:00	–	–	IR
Amounts of precipitation							–								–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions	Dense fog												Dense fog											
	Cloudy day																							
Sunrise: Time, 6:21; Character, Foggy																					Sunset: Time, 5:27; Character, Cloudy			
Moonrise: 5:36 P.M.																					Moonset: 6:00 A.M.			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	S	S	S	S	SW	S	S	S	S	S	S	SW	SW	SW	W	W	W	NW	NW	NW	NW
Wind movement	5	7	6	6	8	7	9	10	15	13	15	15	11	9	16	28	24	36	30	28	38	36	32	28
Maximum velocities (exceeding 24 miles) direction and time																32 SW 3:10		42 NW 5:5	33 NW 6:37	33 SW 7:48	44 NW 8:33	40 W 9:01	36 NW 10:33	33 NW 11:01

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

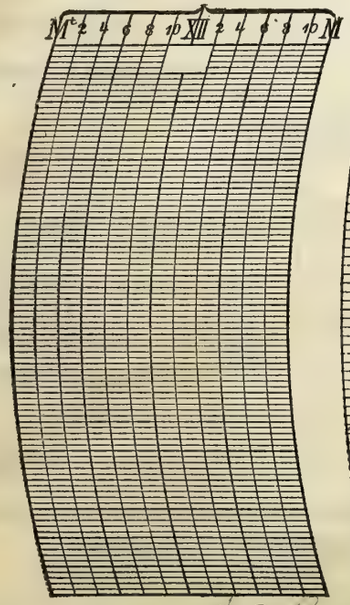
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	27		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy; Moon phase, Full Moon
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0; Possible sunshine, hours, 11.1
Per cent of possible sunshine, 0
Prevailing wind direction, S; Total wind 4332
Average hourly velocity, 18.0; Extreme velocity, 54
Maximum velocity, 44; Direction, NW
Time began, 8:33 a.m.
Reduced barometer, 29.61 7 a. m. 29.25 7 p. m.
River gage, 9.7 ft
Relative humidity, 100 7 a. m. 84 7 p. m.

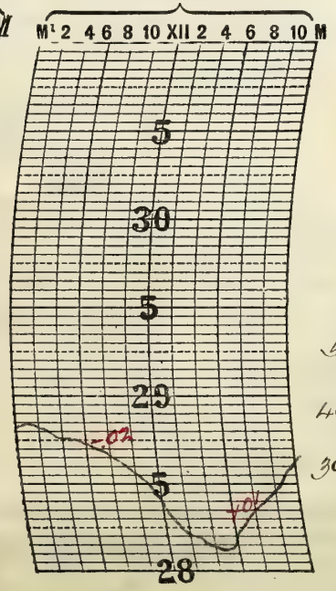
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 50.3; Wet temperature, 49.0
Dew-point, 48; R. humidity, 91; V. pressure, .334
Clouds: Amount, 10; Kind, St+Cu; Direction, S
Velocity of clouds (miles per hour)

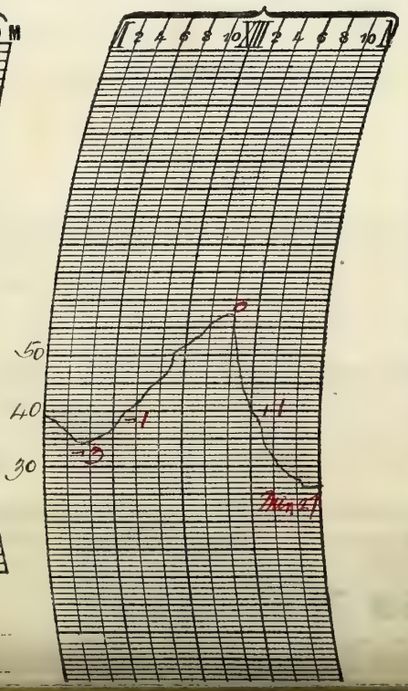
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Baker
Verified by J. McDonough

NOTES.

Estimated

Cloudy and threatening with light rain in the afternoon and rain and snow at night. High temperatures prevailed until 5 pm and after that hour there was a decided change to colder weather with freezing or lower temperature after 8 pm. Moderate southerly winds prevailed during the forenoon and early afternoon with rapidly falling pressure, but after 5 pm the barometer began to rise decidedly and the wind veered to the west and blew with increased force. The wind during the night was strong and gusty from the northwest, and some of the gusts must have attained a very high velocity.

The dense fog continued from last

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 26 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	26	25	21	22	22	24	26	27	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										C	/	O
Sunshine (in tenths of hours)							0.67 C	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	NW	NW	W	W	NW	W	W	W	W	W	W	W
Wind movement	24	26	21	21	18	15	10	9	13	15	13	13
Maximum velocities (exceeding 27 miles) direction and time		30 W 1:20-5		31 W 0:45-5								

Sunrise: Time, 6:20; Character, Clear. Moonrise: 6:34 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	35	36	35	33	32	31	31	31	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	a	r										
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.47 0						
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	14	15	15	15	11	9	10	9	11	12	11

Sunset: Time, 5:28; Character, Clear. Moonset: 6:18 a.m.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	36	21	28	

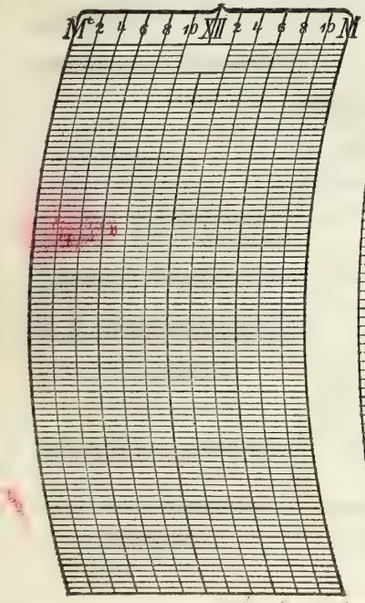
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.1 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 345
Average hourly velocity, 14.4 Extreme velocity, 38
Maximum velocity, 31 Direction, W
Time began, 3:48 a.m.
Reduced barometer, 29.93 7 a. m. 29.91 7, p. m.
River gage, 8.8 ft
Relative humidity, 65 7 a. m. 56 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

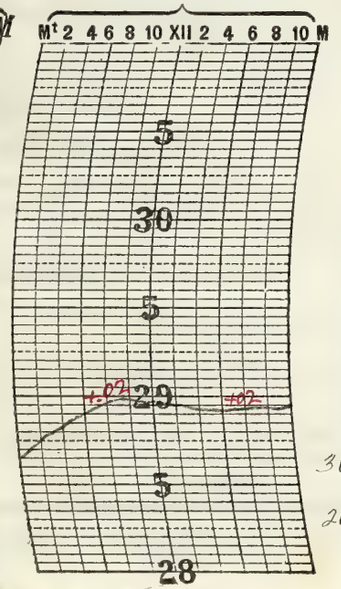
OBSERVATIONS AT ~~12 NOON.~~ 2:28 P.M.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 26.2
Dew-point, 20 R. humidity, 67 V. pressure, 10.3
Clouds: Amount, 3 2; Kind, Cirrus; Direction, NW
Velocity of clouds (miles per hour)

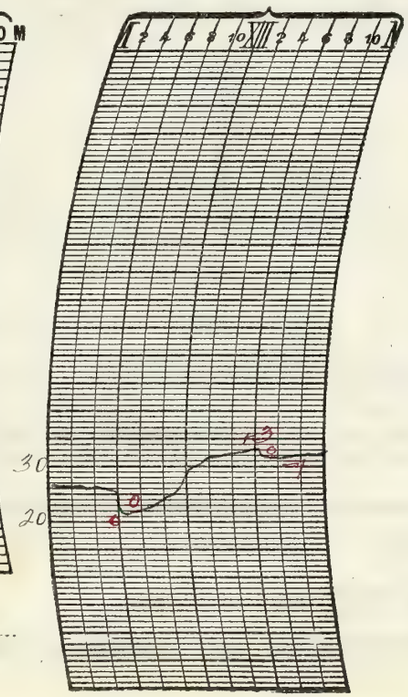
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by D. L. Jones
Verified by J. McKenzie

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NOTES.

& Estimated

Generally Clear, Cool, but pleasant weather.
Winds decreasing in force from midnight to 25th 2P.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 27 1918, 191

Time (local standard), ___ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	33	33	33	33	34	34	37	39	42	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)							0.6	0.6				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	11	9	12	11	12	13	13	14	13	12	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	47	45	44	43	43	42	41	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												RB 11:10
Amounts of precipitation												—
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.1	0	0	0						
Wind direction	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	E	NE
Wind movement	9	12	8	7	5	5	4	4	5	3	2	4
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:10 Character, Clear
Moonrise: 7:33 P.M.
Sunset: Time, 5:29 Character, Cloudy
Moonset: 6:41 AM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

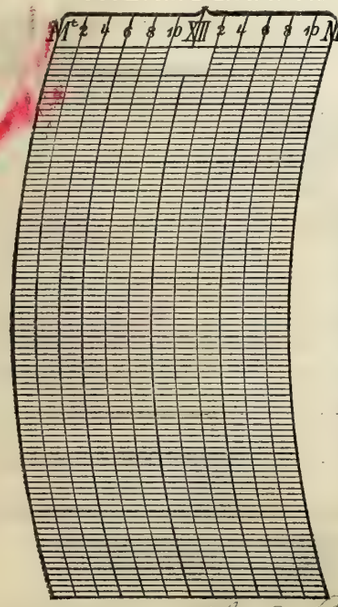
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	32	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind 211
Average hourly velocity, 9.8 Extreme velocity, 17
Maximum velocity, 15 Direction, SW
Time began, 8:26 a.m.
Reduced barometer, 29.94 7 a. m. 30.06 7 p. m.
River gage, 8.34
Relative humidity, 65 7 a. m. 60 7 p. m.

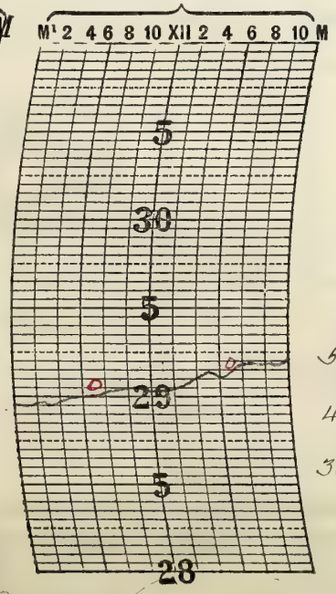
OBSERVATIONS AT ~~12 NOON~~, 1:28 P.M.
(Local Mean Time.)

Dry temperature, 46.0 Wet temperature, 36.2
Dew-point, 21 R. humidity, 35 V. pressure, 108
Clouds: Amount, 3; Kind, St.; Direction, SW
Velocity of clouds (miles per hour)

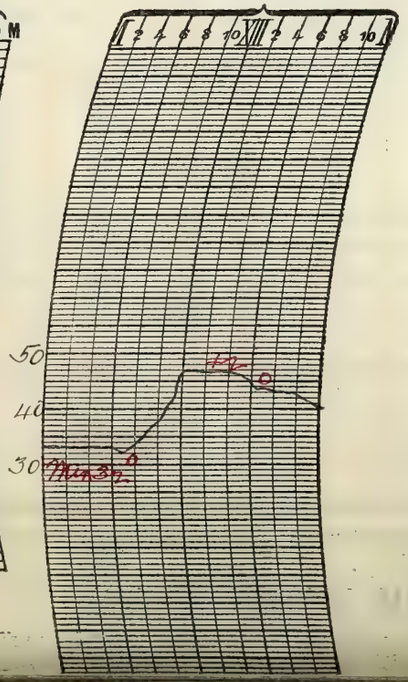
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

Generally partly cloudy weather with light rain continued from 11:10 p.m. Pleasant temperature.

Prepared by W. S. Baker
Verified by J. McAdams

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 28 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	37	37	36	36	36	35	34	35	36	36	36	38	38	38	37	37	36	34	34	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	RE 5:35		RB 7:55	-	-	RE 10:15	
Amounts of precipitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	7	12	12	12	14	14	15	16	13	13	15	15	11	9	9	11	9	11	13	11	13	8	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:17; Character, Cloudy. Moonrise: 8:32 PM

Sunset: Time, 5:31; Character, Cloudy. Moonset: 10:54 PM

Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	33	36	

Total depth of snow for 24 hours ending ?p. m., 0 inches.

Snow, sleet, and hail on ground ?p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ?a. m.; .04 ins.; to ?p. m., .02 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 277

Average hourly velocity, 11.5 Extreme velocity, 22

Maximum velocity, 20 Direction, NE

Time began, 7:24 a m

Reduced barometer, 30.13 ?a. m. 30.16 ?p. m.

River gage, 7.5 ft

Relative humidity, 91 ?a. m. 95 ?p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:38 p m
(Local Mean Time.)

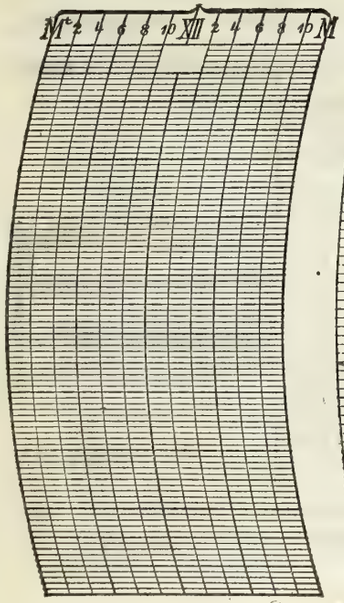
Dry temperature, 34.2 Wet temperature, 33.7

Dew-point, 33 R. humidity, 95 V. pressure, .187

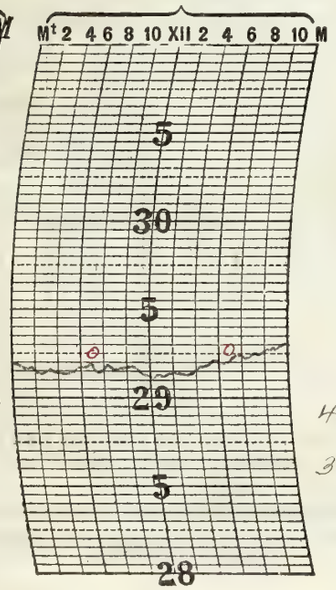
Clouds: Amount, 10; Kind, Nb; Direction, SE

Velocity of clouds (miles per hour)

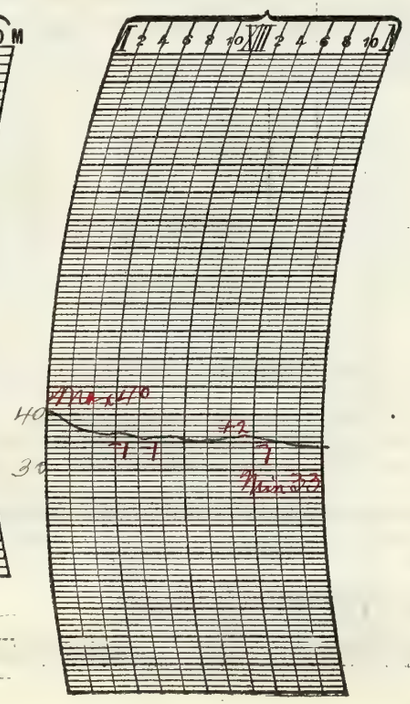
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and foggy with rain starting much after

Prepared by W. S. Baker

Verified by J. McNamara

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) [illegible], 191[illegible]

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	[illegible]	[illegible]	[illegible]	33	33	33	32	30	32	33	33	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy					Pt. Cloudy		
Sunrise: Time, 6:15 Character, Cloudy; Moonrise: 9:31 p.m.												
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	1.0
Wind direction	N	N	NW	NW	N	N	NW	NW	NW	NW	NW	NW
Wind movement	7	6	8	8	11	11	8	11	10	10	9	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	39	40	41	41	40	38	37	36	35	34	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, 5:32 Character, Clear; Moonset: 7:30 am												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.43 0.1						
Wind direction	NW	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW
Wind movement	10	9	8	7	8	4	4	4	7	8	8	8
Maximum velocities (exceeding 25 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	30		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 8.4 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 74
Prevailing wind direction, NW Total wind [illegible]
Average hourly velocity, 8.1 Extreme velocity, 14
Maximum velocity, 13 Direction, NW
Time began, 4:26 am
Reduced barometer, 30.45 7 a. m. 30.46 7, p. m.
River gage, 8.3 ft
Relative humidity, 95 7 a. m. 74 7 p. m.

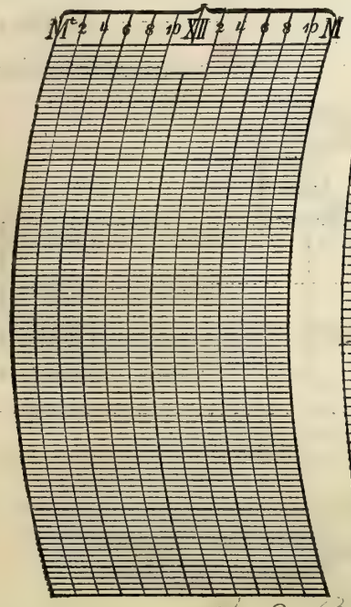
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

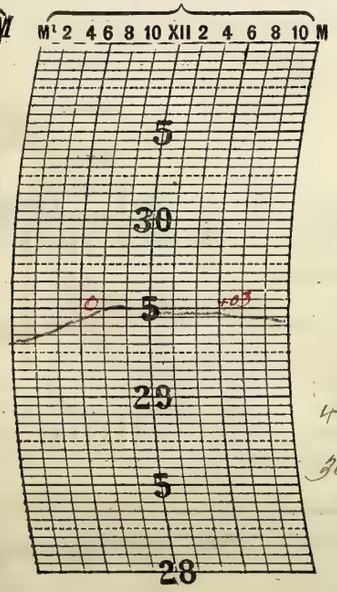
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 35.4 Wet temperature, 33.0
Dew-point, 30 R. humidity, 78 V. pressure, .164
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

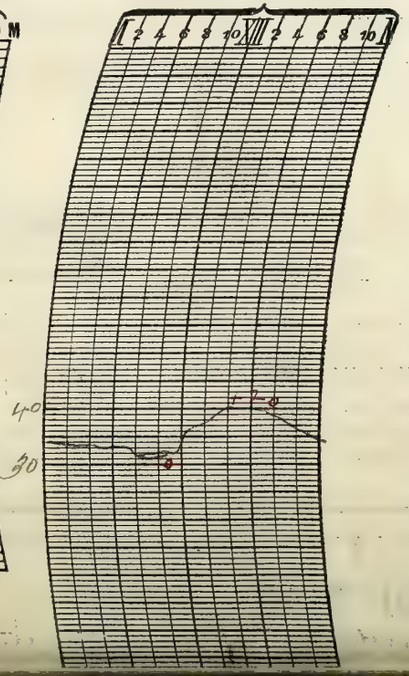
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and pleasant

Prepared by W. S. Baker

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 2, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	31	31	32	37	41	44	47	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)							0.77 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	11	10	11	12	14	15	16	19	22	22

Sunrise: Time, 6:14 Character, Clear. Moonrise: 10:31 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	55	54	50	45	42	40	39	37	37	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1 0.9	0.55 0						
Wind direction	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	26	25	20	18	17	11	11	9	9	9	9	8

Sunset: Time, 5:33 Character, Clear. Moonset: 7:58 A.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulate amounts

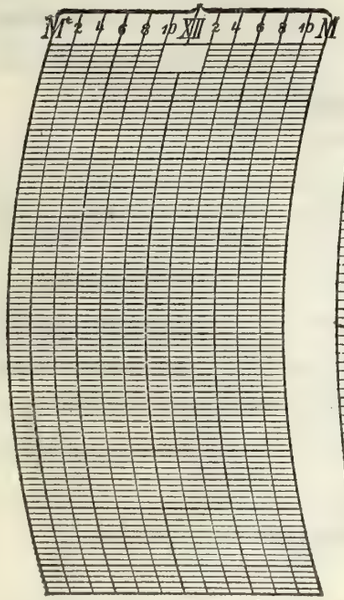
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	31	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.3 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 341.3
Average hourly velocity, 14.2 Extreme velocity, 33
Maximum velocity, 29 Direction, SW
Time began, 1:28 p.m.
Reduced barometer, 30.33 7 a. m. 30.24 7, p. m.
River gage, 9.5 ft.
Relative humidity, 79 7 a. m. 59 7 p. m.

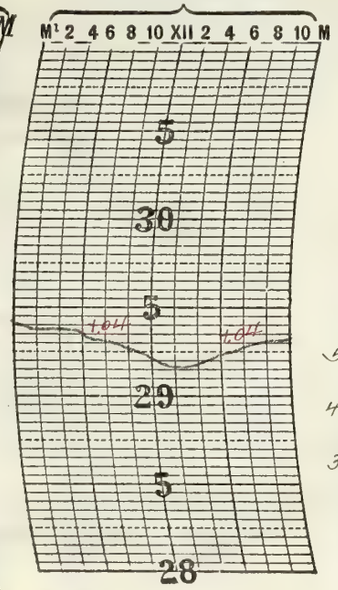
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 50.2 Wet temperature, 41.7
Dew-point, 31 R. humidity, 47 V. pressure, 172
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

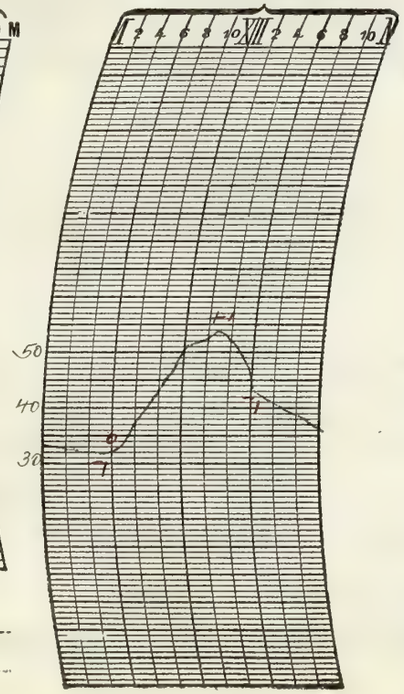
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by N. W. Norwich

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [illegible], 191[illegible]

Time (local standard), 90° mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	34	33	32	[illegible]	32	33	34	36	[illegible]	40	42	43	43	42	38	[illegible]	35	33	31	30	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<					Clear											>			
Sunshine (in tenths of hours)							0.40	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.47						
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	9	7	9	10	9	7	7	13	11	9	10	11	8	10	9	10	9	7	10	9	10	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:12; Character, Clear. Moonrise: 1:22 am.

Sunset: Time, 5:34; Character, Clear. Moonset: 8:31 am.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	29		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 100

Prevailing wind direction, E Total wind 2221

Average hourly velocity, 9.2 Extreme velocity, 15

Maximum velocity, 14 Direction, E

Time began, 8:36 a m

Reduced barometer, 30.141 7 a. m. 30.34 7 p. m.

River gage, 8.46

Relative humidity, 54 7 a. m. 45 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1:38 pm.
(Local Mean Time.)

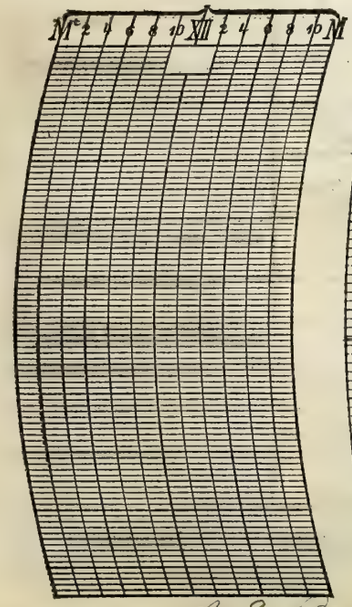
Dry temperature, 39.5 Wet temperature, 31.5

Dew-point, 11 R. humidity, 38 V. pressure, [illegible]

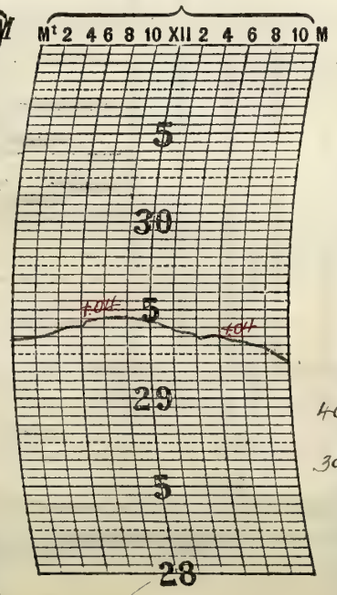
Clouds: Amount, 0; Kind, 0; Direction,

Velocity of clouds (miles per hour)

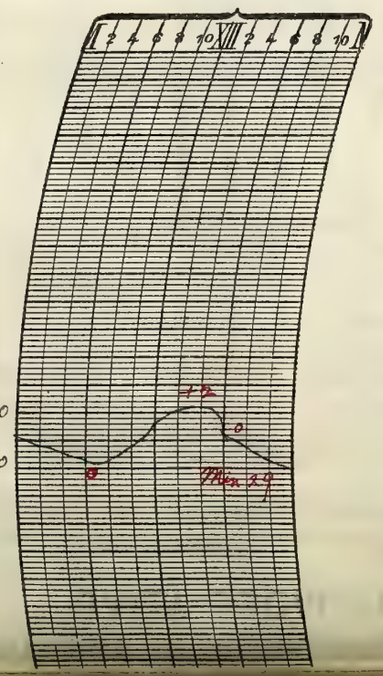
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, cool, but pleasant weather

Prepared by A. S. Baker

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 4, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	29	30	31	33	33	33	33	35	39
State of weather: Nature of precipitation and time of beginning and ending				RB 3.00	TE 4.50		SNB 6.35	SNE 7.05 RB 7.25	–	–		KE 11:50
Amounts of precipitation				–			–	–	–	–	–	–
Cloudiness and other conditions									← DENSE fog			C
											1	0

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	41	42	42	43	42	41	41	40	40	40
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30	–	–	–	TE 4:10							
Amounts of precipitation	–	–	–	–	–							
Cloudiness and other conditions												
	u	d	y									

Sunrise: Time, 6:10 Character, Cloudy

Moonrise: – – –

Sunset: Time, 5:35 Character, Cloudy

Moonset: 4:08 am

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	NE	E	SE	SE
Wind movement	8	7	7	4	6	5	4	3	5	5	4	6
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	SW	SW	W	W	W	W	W	SW	W
Wind movement	5	5	4	4	6	9	10	8	9	9	6	5

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	28	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 01 ins.; to 7 p. m., 22 ins.

Total precipitation, midnight to midnight, 23 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind 144

Average hourly velocity, 6 Extreme velocity, 12

Maximum velocity, 12 Direction, W

Time began, 6:55 PM

Reduced barometer, 30.01 7 a. m. 29.82 7 p. m.

River gage, 7.56

Relative humidity, 92 7 a. m. 90 7 p. m.

OBSERVATIONS AT ~~12 NOON~~, 2:38 PM (Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 37.1

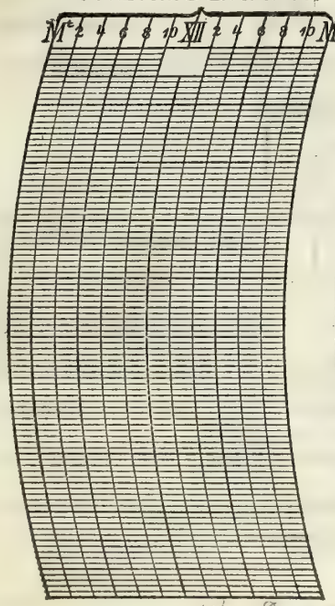
Dew-point, 36 R. humidity, 90 V. pressure, .211

Clouds: Amount, 10; Kind, St; Direction, SE

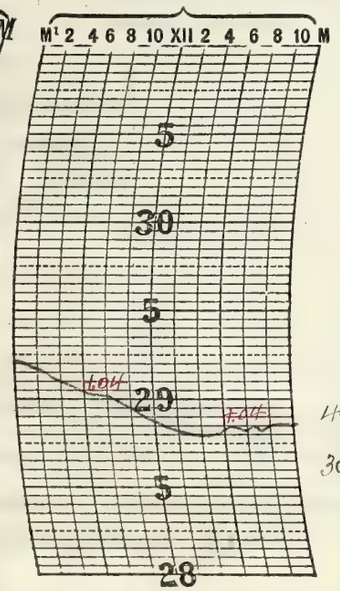
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

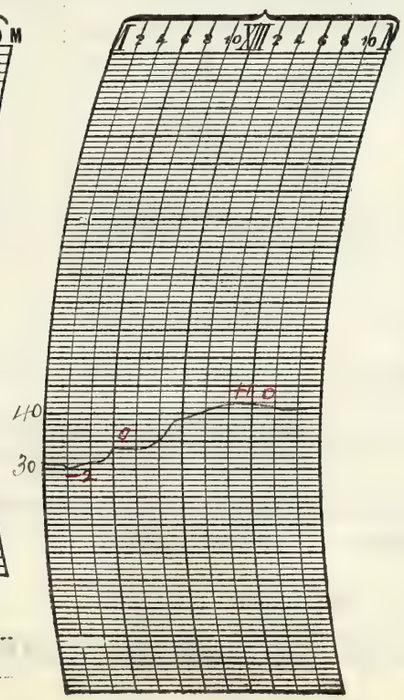
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The rain of the early morning froze on the streets and sidewalks as it fell, and as a result the streets and sidewalks were coated with glazed ice which did not thaw. Rain and sleet occurred at intervals during the day, and light snow fell for a short period in the morning. The roads were very slippery.

Prepared by W. S. [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible], 191[illegible]

Time (local standard), 10th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	110	110	110	40	40	110	[illegible]	[illegible]	[illegible]	41	51	60
State of weather: Nature of precipitation and time of beginning and ending			RA 10 IN	-	RE IN							
Amounts of precipitation												
Cloudiness and other conditions	Fog				DENSE		Fog					
	Cloudy											
Sunrise: Time, 6:09; Character, Foggy												
Moonrise: 12:37 am												
Sunshine (in tenths of hours)							0	0	0	0	1.0	1.0
Wind direction	SW	S	S	S	S	S	S	S	S	SW	S	SW
Wind movement	6	5	7	9	9	7	8	10	10	11	12	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	63	67	69	68	66	[illegible]	62	61	60	59	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 5:36; Character, Clear												
Moonset: 10:19 am												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.60 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	W
Wind movement	18	16	17	15	10	7	6	6	7	12	12	12
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase, Last Quarter 6:44 p
Average daily cloudiness (0-10), [illegible]
Actual sunshine, hours, 7.6 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 17
Prevailing wind direction, SW Total wind 244
Average hourly velocity, 10.2 Extreme velocity, 22
Maximum velocity, 20 Direction, SW
Time began, 12:16 p. m.
Reduced barometer, 29.83 7 a. m. [illegible] 7 p. m.
River gage, 8.2 ft
Relative humidity, 100 7 a. m. 66 7 p. m.

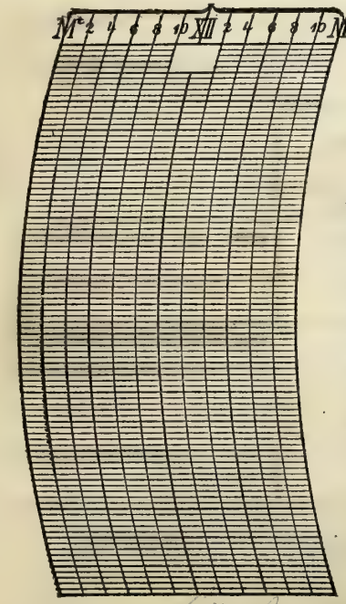
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

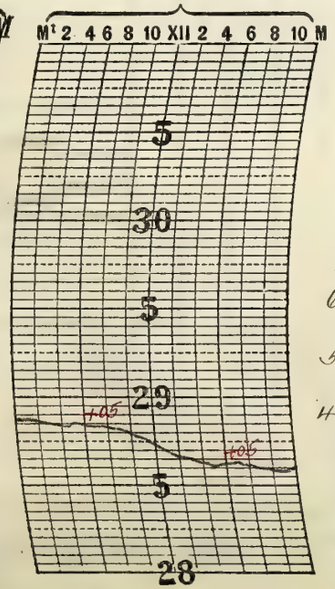
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 63 Wet temperature, 56.2
Dew-point, 51 R. humidity, 66 V. pressure, .373
Clouds: Amount, 1; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

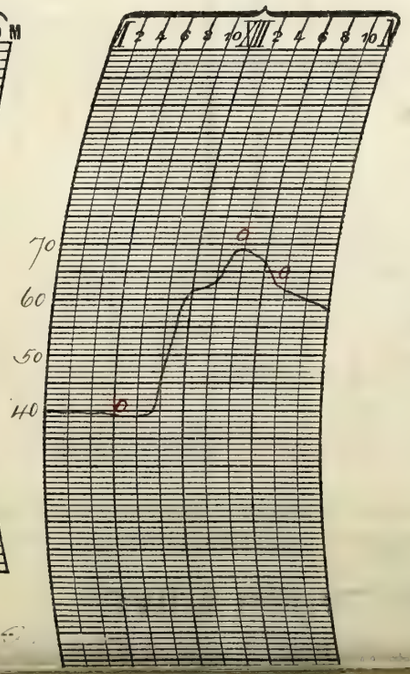
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light rain in the early morning. Considerable fog during the forenoon but the day was generally partly cloudy and unseasonably warm.

A cold wave warning, issued at the p.m. observation, was received at 7.50 am of the 6th.

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 6, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	50	46	43	38	38	37	36	36	36	37	36	36	35	35	34	28	28	27	26	26	
State of weather: Nature of precipitation and time of beginning and ending				R 10 H.N.				R E 7:20									S m B 4:15						S m E 10:10	
Amounts of precipitation																								
Cloudiness and other conditions					Lt. fog					Cloudy														

Sunrise: Time, 6:07; Character, Cloudy. Moonrise: 1:28 am

Sunset: Time, 5:37; Character, Cloudy. Moonset: 10:47 am

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	NW	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	9	7	11	9	6	8	7	6	8	7	9	10	10	12	9	10	11	11	13	16	14	14
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	25	42	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0. Possible sunshine, hours, 11.5

Per cent of possible sunshine, 0

Prevailing wind direction, NW. Total wind 2,344

Average hourly velocity, 9.8. Extreme velocity, 19

Maximum velocity, 18. Direction, NW

Time began, 9:07 p.m.

Reduced barometer, 29.75 7 a. m. 29.94 7 p. m.

River gage, 9.3 ft.

Relative humidity, 94 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 2:38 pm (Local Mean Time.)

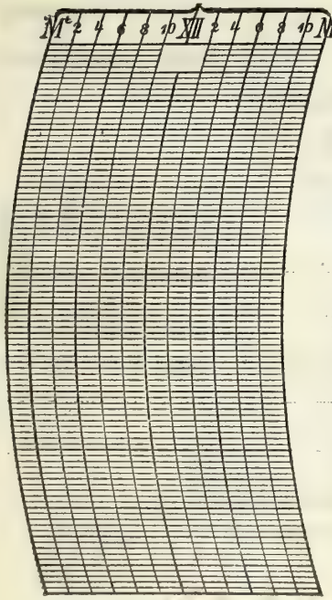
Dry temperature, 36.2. Wet temperature, 35.1

Dew-point, 34. R. humidity, 90. V. pressure, .195

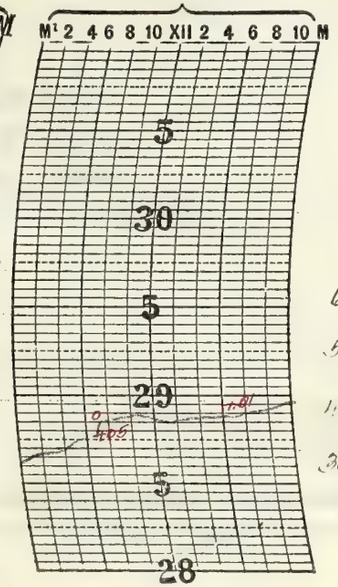
Clouds: Amount, 10; Kind, St.; Direction, N.

Velocity of clouds (miles per hour)

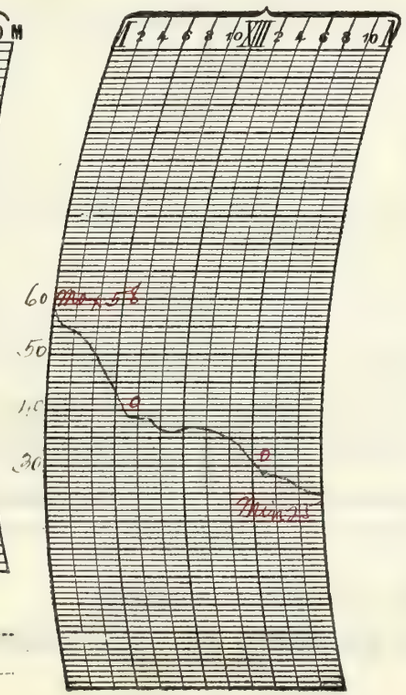
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clouds with light snow in the morning and early in the afternoon and early in the evening and night. Trace of snow from this and observations

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March, 191?

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	23	23	23	23	22	21	21	22	24	25	27
State of weather: Nature of precipitation and time of beginning and ending								3:45 7:15 9:45 7:35				
Amounts of precipitation												
Cloudiness and other conditions						Cloudy				P.Cloudy		
Sunrise: Time, 6:06 Character, Cloudy												
Moonrise: 2:20 am												
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW	SW
Wind movement	17	17	14	14	10	11	9	7	7	6	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	36	41	40	40	39	38	38	37	37	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear				P.Cloudy					
Sunset: Time, 5:39 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	16	16	16	16	12	10	12	10	13	11	11

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

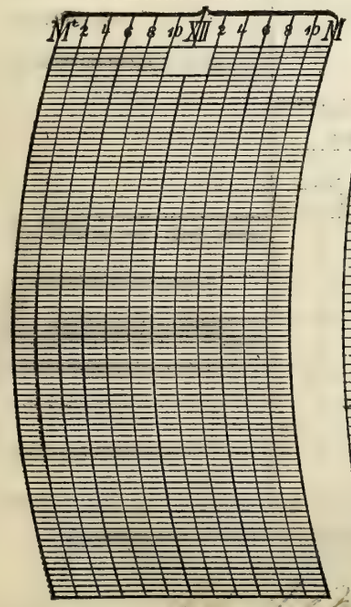
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	21		40

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, P.Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.3 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 63
Prevailing wind direction, NW Total wind 290
Average hourly velocity, 8 Extreme velocity, 22
Maximum velocity, 26 Direction, NW
Time began, 12:57 a.m.
Reduced barometer, 30.0 7 a. m. 29.95 7 p. m.
River gage, 8.4 ft
Relative humidity, 86 7 a. m. 49 7 p. m.

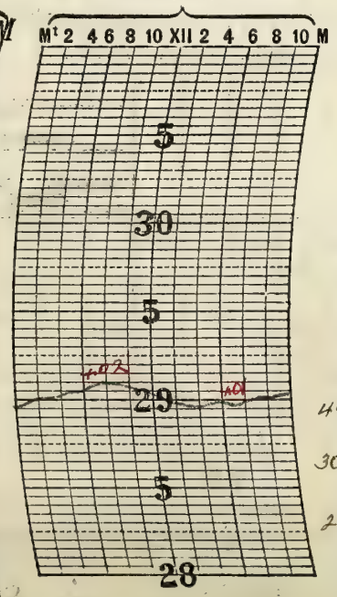
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 30.3 Wet temperature, 26.3
Dew-point, 19 R. humidity, 57 V. pressure, .098
Clouds: Amount, 4; Kind, Sc.Cu.; Direction,
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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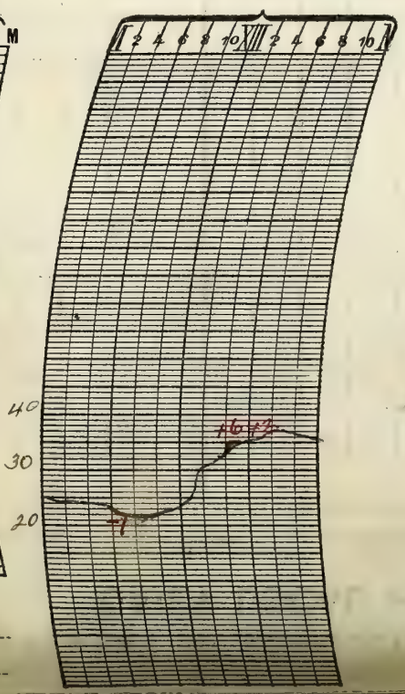


NOTES.

Light snow occurred for a short period after the a.m. observation, the day as a rule was windy & cloudy. The morning was cool, but the temperature rose slowly during the afternoon. The day as a rule was unpleasantly cool.

An auroral display was observed between 8:15 pm and 9:30 pm. The aurora appeared first in the east as a diffused red light, and then in the west as a diffused white light; then one arch formed, reaching across the sky from east to west. The arch was about 3° in width, and its apex was apparently about 5° to the south of the zenith. Short streamers of varicolored light were observed to reach out from various parts of the arch and

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1012—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 8, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	33	32	31	32	31	34	40	44	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)							0.9	0.3	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	11	9	7	5	7	5	7	5	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	51	51	50	49	47	46	46	44	43	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0	0						
Wind direction	W	SW	W	W	NW	E	E	E	E	E	E	E
Wind movement	9	9	10	7	4	3	5	7	9	13	12	14

Sunrise: Time, 6:04; Character, Clear

Moonrise: 3:07 am

Sunset: Time, 5:40; Character, Cloudy

Moonset: 12:56 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	31	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 8.7 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 75

Prevailing wind direction, SW Total wind 202

Average hourly velocity, 8.4 Extreme velocity, 16

Maximum velocity, 25 Direction, E

Time began, 9:28 p.m.

Reduced barometer, 30.13 7 a. m. 30.12 7, p. m.

River gage, 7.5 ft.

Relative humidity, 74 7 a. m. 68 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:35 p.m.
(Local Mean Time.)

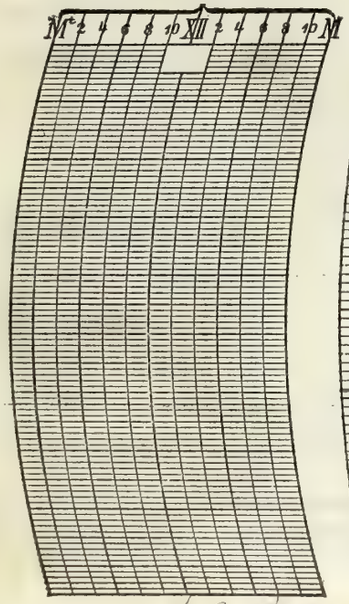
Dry temperature, 49.0 Wet temperature, 38.8

Dew-point, 24 R. humidity, 36 V. pressure, 1.124

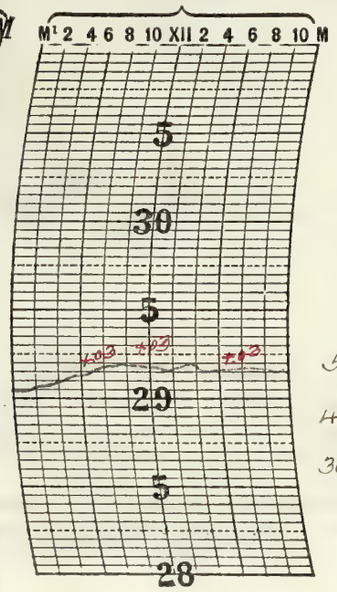
Clouds: Amount, 2; Kind, Ci St; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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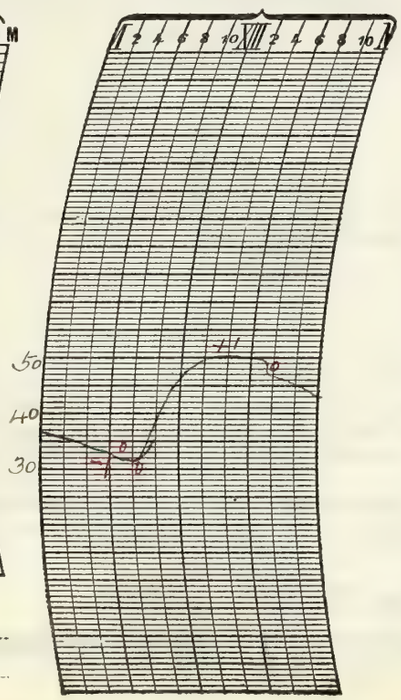


NOTES.

Day quite pleasant.

Prepared by W. S. [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 1, 191[illegible]

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	38	37	37	35	35	35	35	36	37
State of weather: Nature of precipitation and time of beginning and ending				RB N.N.	—	—	—	—	RE 8:50	RB 9:30	—	RE 11:50
Amounts of precipitation				—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	6:02 Cloudy											
Moonrise	3:48 am											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	13	14	16	18	18	18	17	18	15	14	13	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	43	44	44	44	40	36	44	42	36	32	36
State of weather: Nature of precipitation and time of beginning and ending	RB 12:45	—	—	—	—	—	RE 6:10		RB 8:15	—	—	RE N.N.
Amounts of precipitation	—	—	—	—	—	—	—		—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									5:41 Cloudy			
Moonset									2:09 pm.			
Sunshine (in tenths of hours)	*0.2	*0.4	0	0	0	0						
Wind direction	E	E	NE	E	E	SW	W	W	W	SW	SW	W
Wind movement	12	12	11	12	12	28	36	42	33	35	31	40
Maximum velocities (exceeding 29 miles) direction and time						40 SW 5:13	55 W 6:50	48 W 7:01	42 W 8:01	42 SW 9:22	40 NW 10:46	48 W 11:45

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

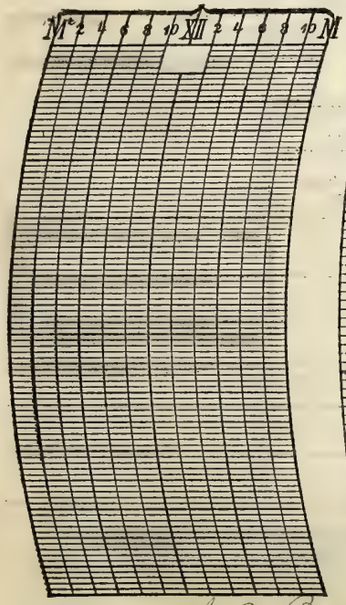
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	26	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground ..... p. m., ... inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .26 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 5
Prevailing wind direction, E Total wind 4.89
Average hourly velocity, ... Extreme velocity, ...
Maximum velocity, 55 Direction, W
Time began, 6:50 p.m.
Reduced barometer, 29.93, 7 a. m. 29.39, 7 p. m.
River gage, 6 5/5
Relative humidity, 95, 7 a. m. 94, 7 p. m.

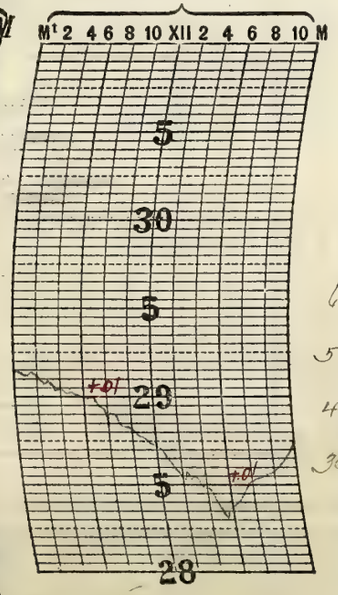
OBSERVATIONS AT ~~12 NOON~~ 2:35 p.m.
(Local Mean Time.)

Dry temperature, 40.8 Wet temperature, 39.3
Dew-point, 38 R. humidity, 88 V. pressure, .221
Clouds: Amount, 10; Kind, St.; Direction, E
Velocity of clouds (miles per hour) .....

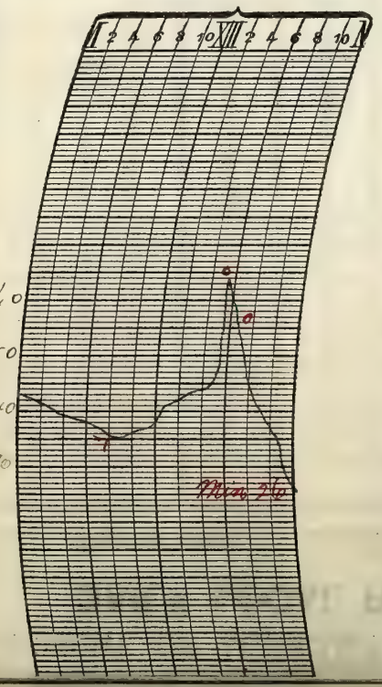
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Baker

Verified by [illegible]

NOTES.

*Estimated
†Sun shining through heavy clouds.

In connection with falling pressure and east winds, the temperature rose steadily until about 6 pm and light rain fell during the greater part of the day, with a mild thunderstorm from 2:48 pm to 3:15 pm. The barometer fell at a rapid rate during the afternoon reaching its lowest point about 5:45 pm; then it began to rise, the rise being more marked than the preceding fall; the wind shifted from an easterly to a westerly direction with increased force, a maximum velocity of 55 miles being attained at 6:50 pm. Strong winds continued into the next day and the temperature fell rapidly and decidedly after 7 pm. There was some local damage by wind to buildings and electric lines.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 10, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	22	20	19	18	18	18	18	18	20	22	24
State of weather: Nature of precipitation and time of beginning and ending		SLS H.K	—	—	—	—	SLE 6:10					
Amounts of precipitation		—	—	—	—	—	—					
Cloudiness and other conditions										Clear		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	30	30	30	30	30	30	28	27	27	27
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												

Sunrise: Time, 6:01; Character, Clear. Moonrise: 4:24 am

Sunset: Time, 5:42; Character, Clear. Moonset: 3:24 pm

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0.88 0.1	0.9	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW
Wind movement	33	28	26	23	20	17	17	19	17	15	13	12
Maximum velocities (exceeding 29 miles) direction and time	36 NW 12:07	33 NW 1:45	36 NW 2:45									

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.30 0.4						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	S
Wind movement	11	11	9	9	7	8	3	3	3	2	2	1

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	18	24	—

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.6 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 99
Prevailing wind direction, NW Total wind 312
Average hourly velocity, 13.0 Extreme velocity, 42
Maximum velocity, 36 Direction, NW
Time began, 2:45 a. m.
Reduced barometer, 30.41 7 a. m. 30.61 7 p. m.
River gage, 8.1 ft
Relative humidity, 87 7 a. m. 73 7 p. m.

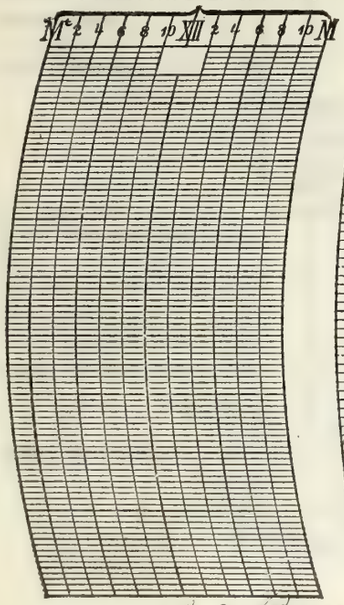
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

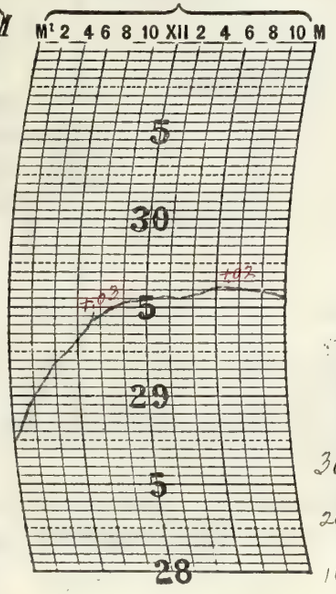
Estimated OBSERVATIONS AT ~~12 NOON~~. 12:38 pm (Local Mean Time.)

Dry temperature, 26.5 Wet temperature, 23.5
Dew-point, 17 R. humidity, 64 V. pressure, .089
Clouds: Amount, 1; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

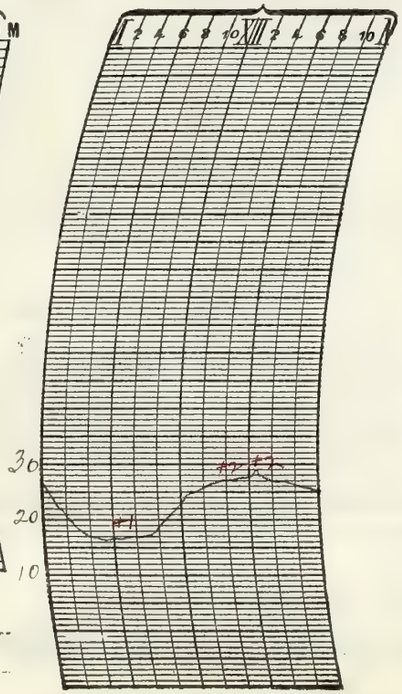
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Strong northwest winds prevailed until about 3 a.m., when they began to diminish in force. Light snow occurred during the early morning, ending at 6:10 a.m. The temperature fell decidedly during the 12 hours preceding the a.m. observation, from 56° to 18°. The day was clear and bright, and although cold in the morning the afternoon was quite pleasant.

Prepared by H. B. Bay

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 11, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	25	25	25	25	26	27	32	37	42	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)						0.2 / 0	0.8 / 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	SW	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	7	8	9	10	10	11	15	18	19	21	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	50	54	54	53	51	49	48	47	48	50	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	SW	S	S	SW	S	S	S	S	S	SW	SW	SW
Wind movement	21	17	17	16	14	14	15	16	16	17	18	22

Sunrise: Time, 5:59 Character, Clear

Moonrise: 5:07 a.m.

Sunset: Time, 5:43 Character, Cloudy

Moonset: 4:41 P.M.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	25	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.6 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 91

Prevailing wind direction, SW Total wind 358

Average hourly velocity, 14.9 Extreme velocity, 29

Maximum velocity, 25 Direction, S

Time began, 11:16 a.m.

Reduced barometer, 30.44 7 a. m. 30.4 7 p. m.

River gage, 9.3 ft

Relative humidity, 82 7 a. m. 43 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m. (Local Mean Time.)

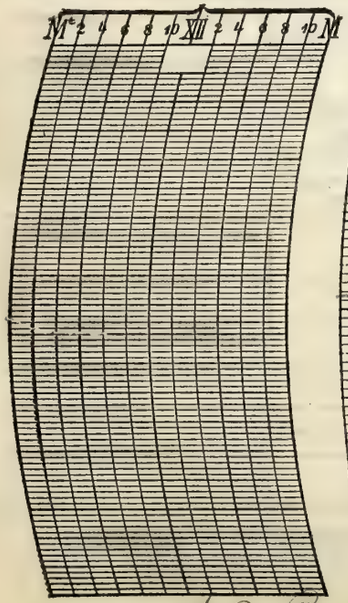
Dry temperature, 45.8 Wet temperature, 36.7

Dew-point, 22 R. humidity, 37 V. pressure, 11.3

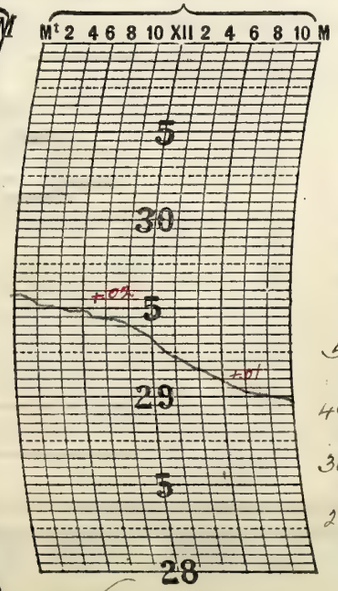
Clouds: Amount, 3; Kind, Ci. St; Direction, W

Velocity of clouds (miles per hour)

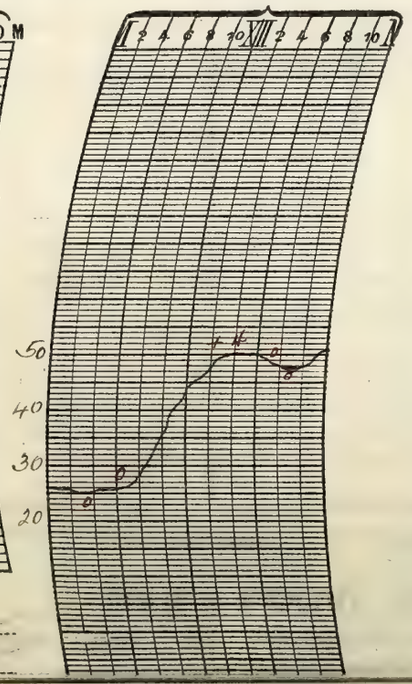
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon cool but with rising temperature - Generally clear and pleasant weather.

Prepared by R. S. Baker

Verified by [illegible]

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 12, 1915

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	51	52	52	51	51	50	51	52	56	58
State of weather: Nature of precipitation and time of beginning and ending									R B 8:10 R E 8:25			
Amounts of precipitation									—			
Cloudiness and other conditions					←				Cloudy			
Sunrise: Time, 5:57 Character, Cloudy												
Moonrise: 5:29 a.m.												
Sunshine (in tenths of hours)						0	0	0	0	*0.1	*1.0	*1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	21	16	20	24	27	25	22	25	20	20	24	21
Maximum velocities (exceeding 20 miles) direction and time					30 SW 4:46							

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	62	62	62	61	61	58	57	56	55	54	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunset: Time, 5:44 Character, Cloudy												
Moonset: 5:59 p.m.												
Sunshine (in tenths of hours)	*1.0	*1.0	*1.0	*1.0	*0.4	0						
Wind direction	W	SW	SW	SW	SW	W	SW	SW	SW	SW	N	NE
Wind movement	19	19	16	13	11	6	7	14	3	2	14	9

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	48	55	

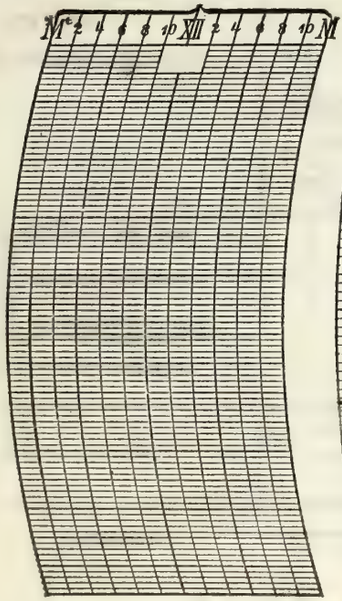
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, New Moon 11:52 p
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.5 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 55
Prevailing wind direction, SW Total wind 377
Average hourly velocity, 15.7 Extreme velocity, 34
Maximum velocity, 30 Direction, S.W.
Time began, 4:46 a.m.
Reduced barometer, 29.88 7 a. m. 29.88 7 p. m.
River gage, 7.6 ft.
Relative humidity, 57 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

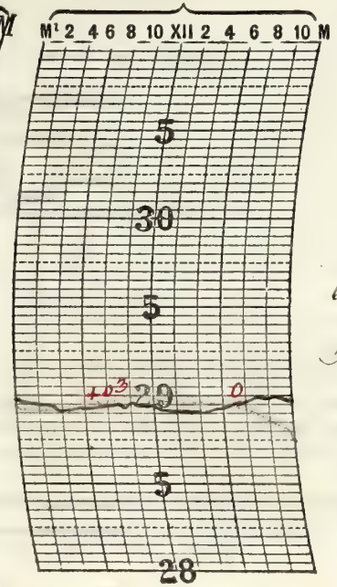
Dry temperature, 57.6 Wet temperature, 48.5
Dew-point, 39 R. humidity, 51 V. pressure, 2.37
Clouds: Amount, 9; Kind, St.; Direction, W
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

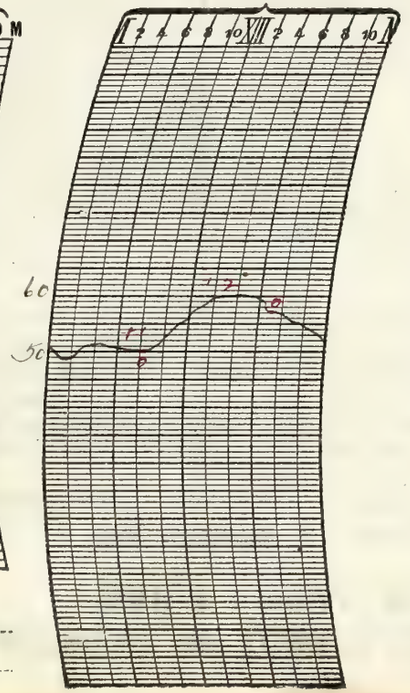
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Parker
Verified by [illegible]

8—486

NOTES.

*Sun shining through detached clouds.

Generally Cloudy, with light rain for a short period in the a. m., and light fog at night. Warm and pleasant.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 13, 191?

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	41	41	41	40	39	38	37	37
State of weather: Nature of precipitation and time of beginning and ending								RB 7:55	—	—	—	—
Amounts of precipitation								—	—	—	—	—
Cloudiness and other conditions										Cloudy		
Sunrise: Time, 5:56; Character, Cloudy												
Moonrise: 6:00 am												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	E	NE	NE	E	E	E	E	E	E	E	E
Wind movement	9	7	11	13	15	16	16	16	18	18	6	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	39	39	38	37	37	36	36	35	35	35
State of weather: Nature of precipitation and time of beginning and ending	—	—	RE 2:20									RB 11:05
Amounts of precipitation	—	—	—									—
Cloudiness and other conditions							Fog					
Sunset: Time, 5:45; Character, Cloudy												
Moonset: 7:17 pm												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	E	NE	NE	NE	NE	NE	E	E	NE	NE
Wind movement	17	17	13	15	16	15	12	14	10	8	11	11

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

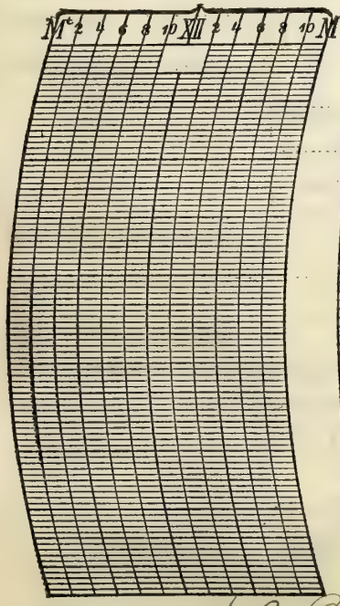
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	35	44	

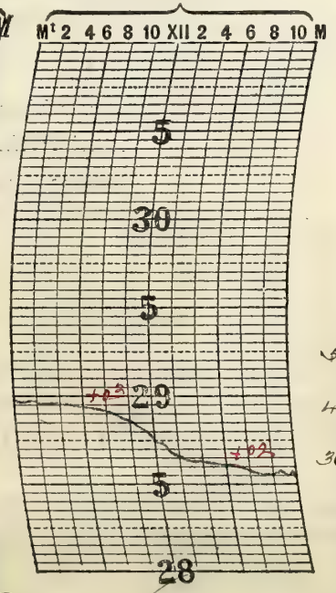
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .40 ins.
Total precipitation, midnight to midnight, .40 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 330
Average hourly velocity, 13.8 Extreme velocity, 22
Maximum velocity, 21 Direction, N
Time began, 8:04 a. m.
Reduced barometer, 29.90 7 a. m. 29.55 7 p. m.
River gage, 7.36
Relative humidity, 80 7 a. m. 95 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 37.5 Wet temperature, 37.0
Dew-point, 36 R. humidity, 96 V. pressure, .211
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

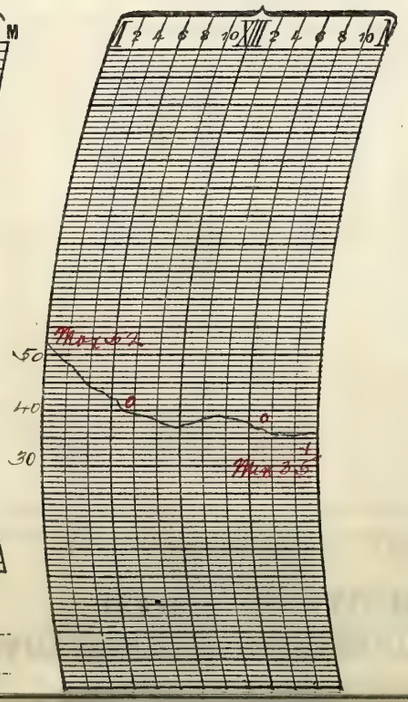
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker

Verified by

NOTES.

Cloudy, with light fog beginning 3:00 pm and ending during the late night. Rain occurred during the forenoon and early afternoon, and again late at night. A thunder storm began at 11:15 pm and continued into the next day. Although mild temperatures prevailed, the weather was rather unpleasant.

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 14, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	39	39	40	41	43	45	55	50	42	42
Nature of precipitation and time of beginning and ending	–	–	RE 2:45						RB 8:45	RE 9:20		
Amounts of precipitation	–	–	–						–	–		
Cloudiness and other conditions						Cloudy			Cloudy		Cloudy	
Sunrise: Time, 5:54; Character, Cloudy												
Moonrise: 6:34 am												
Sunshine (in tenths of hours)						0	0	0	0.3	0.1	0	0
Wind direction	E	E	E	E	SE	SE	E	SE	S	SW	W	W
Wind movement	10	10	12	6	5	6	8	5	9	32	29	26
Maximum velocities (exceeding 29 miles) direction and time										37 SW 9:40	35 SW 10:10	30 W 11:48

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	44	40	39	37	34	33	33	32	32	31
Nature of precipitation and time of beginning and ending						RB 6:50	–	RE 7:20				
Amounts of precipitation						–	–	–				
Cloudiness and other conditions	Cloudy				Cloudy							
Sunset: Time, 5:46; Character, Cloudy												
Moonset: 8:34 PM												
Sunshine (in tenths of hours)	0.2	0.5	0.2	0	0	0						
Wind direction	W	W	W	W	W	W	NW	N	N	N	NW	NW
Wind movement	22	27	30	22	20	18	15	15	15	13	13	12
Maximum velocities (exceeding 29 miles) direction and time		32 W 1:00	37 SW 2:25	30 W 3:00								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	31	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .57 ins.; to 7 p. m.; .02 ins.

Total precipitation, midnight to midnight, .49 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.8 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 15

Prevailing wind direction, W Total wind 380

Average hourly velocity, 15.8 Extreme velocity, 42

Maximum velocity, 37 Direction, SW

Time began, 4:34 A. M.

Reduced barometer, 29.46 7 a. m. 29.83 7 p. m.

River gage, 11.7 ft

Relative humidity, 88 7 a. m. 100 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

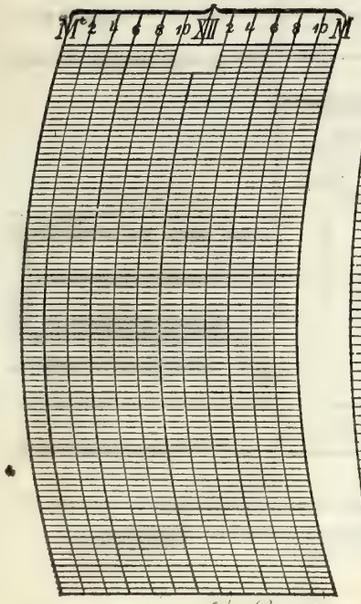
Dry temperature, 42.1 Wet temperature, 40.0

Dew-point, 38 R. humidity, 84 V. pressure, .228

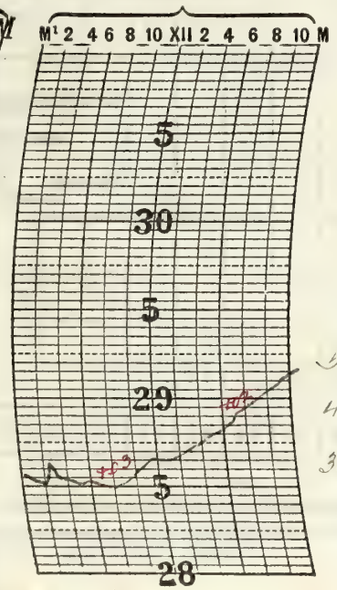
Clouds: Amount, 10; Kind, Stratus; Direction, SW

Velocity of clouds (miles per hour)

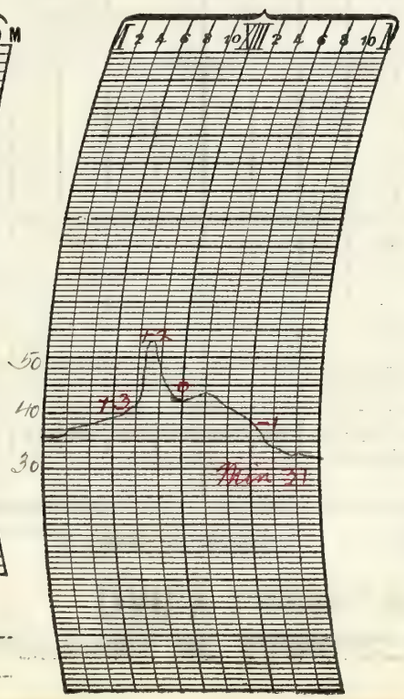
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The thunderstorm which continued from last night ended at 3 a.m. The centers of this ordered a special observation taken at 9 a.m. The observation was taken and sent in.

Generally cloudy weather with showers & moderate temperature but weather became cool in the afternoon.

Prepared by F. B. Brown

Verified by J. McKinnon

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 15, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	30	29	29	28	28	28	29	29	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			←				Pt. Cloudy					→
Sunrise: Time, 5:53 Character, Cloudy												
Moonrise: 7:10 am												
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	13	12	13	14	12	12	11	12	14	14	11	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	32	36	34	33	31	31	30	29	28	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	←		Clear									→
Sunset: Time, 5:47 Character, Clear												
Moonset: 9:49 p.m.												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3 0.4						
Wind direction	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	8	7	7	7	6	6	4	5	3	2	2
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, " inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.4 Possible sunshine, hours, 11.9

Per cent of possible sunshine,

Prevailing wind direction, NE Total wind 215

Average hourly velocity, 9.0 Extreme velocity, 10

Maximum velocity, 10 Direction,

Time began, 7:59 a.m.

Reduced barometer, 30.38 7 a. m. 30.50 7 p. m.

River gage, 13.5

Relative humidity, 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM

(Local Mean Time.)

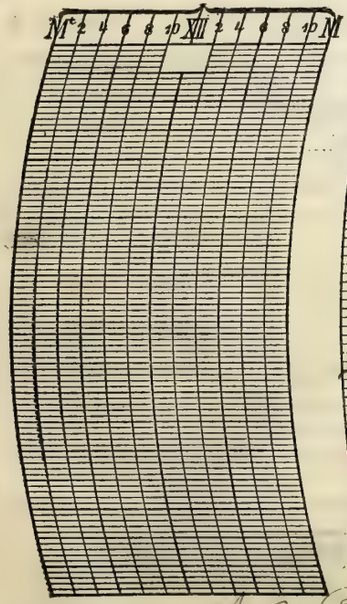
Dry temperature, 31.7 Wet temperature, 28.2

Dew-point, 22 R. humidity, 64 V. pressure, .113

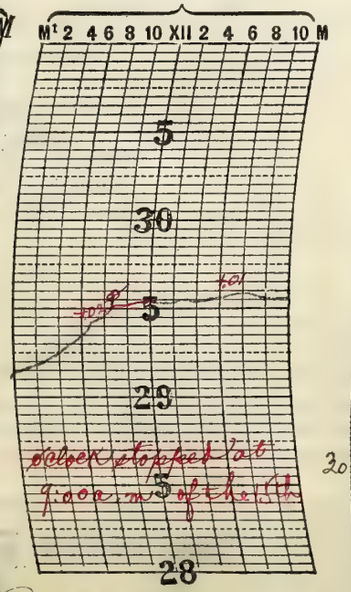
Clouds: Amount, 5; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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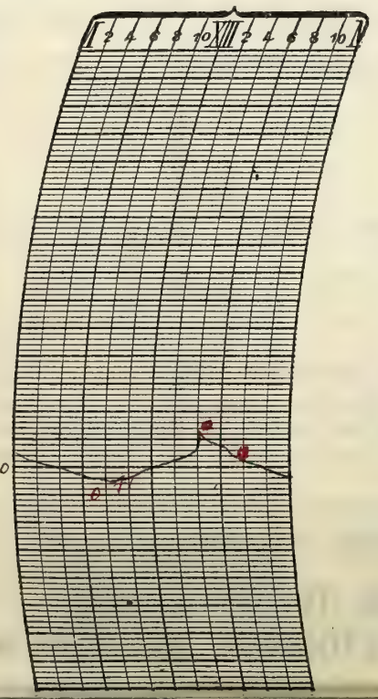


NOTES.

Cool but pleasant forenoon
Generally partly cloudy but clear
Rain prevailed in the afternoon

Prepared by H. S. Baker

Verified by C. McAdams

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 16, 1918

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	26	25	24	23	25	28	33	36	38	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)						0.15 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	W	SW	SW	W	SW	SW	W
Wind movement	4	6	6	7	10	6	7	12	10	13	14	12
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 5:51; Character, Clear. Moonrise: 1:51 am

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	46	48	48	48	44	42	40	39	38	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.30 0.5						
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	13	14	15	14	11	9	9	10	11	11	13
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 5:48; Character, Clear. Moonset: 11:01 pm

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	23	36	

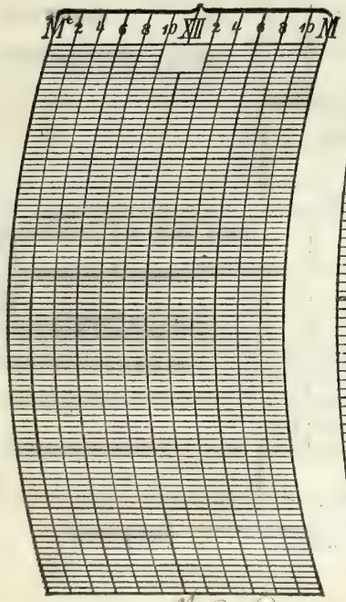
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 0
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 2,521
Average hourly velocity, 10.5 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 3:31 p. m.
Reduced barometer, 30.11 7 a. m. 30.28 7, p. m.
River gage, 11.8 ft
Relative humidity, 64 7 a. m. 53 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

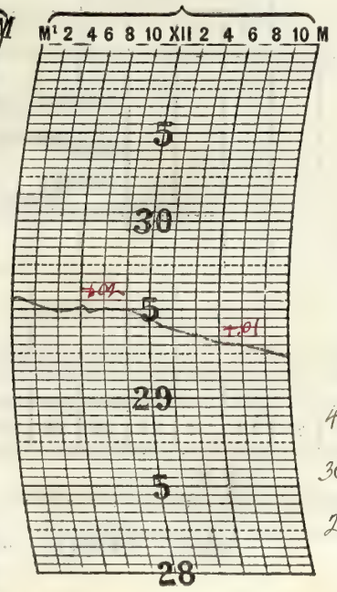
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 41.2 Wet temperature, 35.7
Dew-point, 28 R. humidity, 58 V. pressure, .150
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

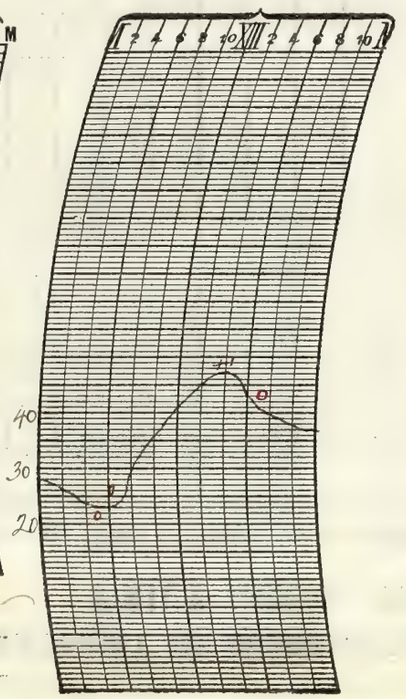
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, cool, pleasant

Prepared by G. S. Bryan

Verified by J. McKenzie

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 17, 1918

Time (local standard), 10th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	37	35	34	34	33	34	39	44	49	52	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunrise: Time, Character,	5:49 Clear											
Moonrise:	8:37 am											
Sunshine (in tenths of hours)						0.18 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	13	11	13	13	12	16	19	18	21	22
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	59	59	58	56	55	52	51	49	48	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunset: Time, Character,									5:50 Clear			
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.33 0.5						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	S
Wind movement	23	22	21	20	15	11	9	7	2	2	2	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	33	46	

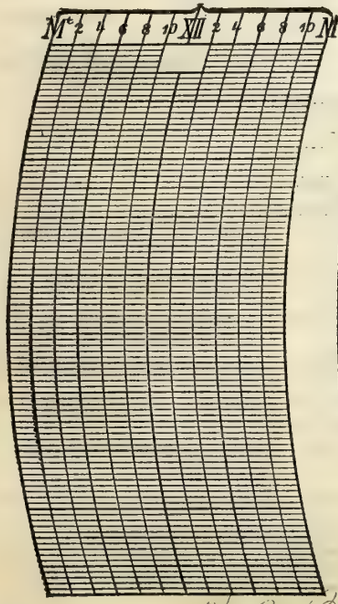
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, 26 Direction,
Time began, 12:25 p.m.
Reduced barometer, 30.10 7 a. m. 30.01 7 p. m.
River gage, 1.1 ft
Relative humidity, 81 7 a. m. 42 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

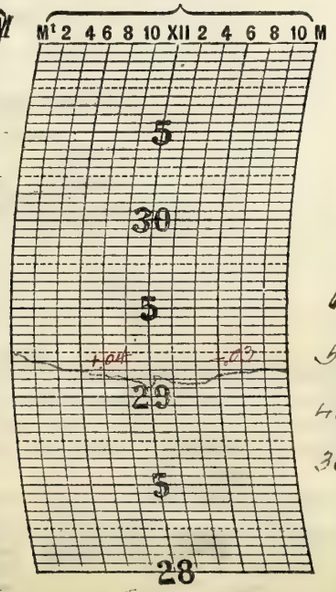
OBSERVATIONS AT 12 NOON. 12:35 PM
(Local Mean Time.)

Dry temperature, 54 Wet temperature, 42
Dew-point, 26 R. humidity, 33 V. pressure, 136
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

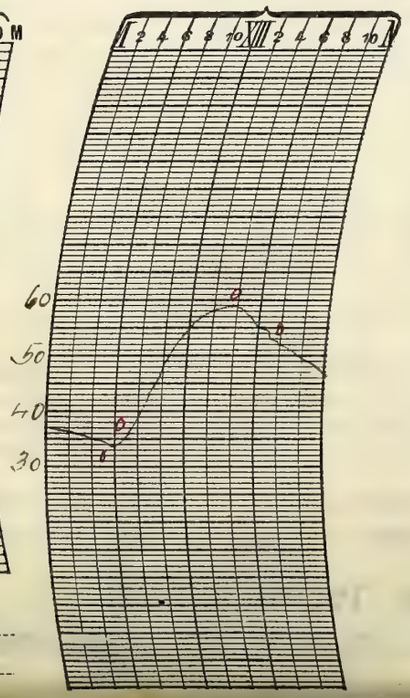
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and pleasant day

Prepared by W. S. Bauer

Verified by J. McDonough

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 18, 1918

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	43	41	38	39	42	47	54	59	64	67	70	72	72	70	65	62	58	57	56	55	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.35 0.5						
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	7	7	7	8	8	9	13	12	12	12	14	17	18	19	14	15	14	14	14	14	11	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:48; Character, Cloudy. Moonrise: 9:30 am

Sunset: Time, 5:57; Character, Clear. Moonset: 12:05 am

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	38	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), few

Actual sunshine, hours, 11.0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 92

Prevailing wind direction, SW Total wind 280

Average hourly velocity, 11.7 Extreme velocity, 24

Maximum velocity, 24 Direction, SW

Time began, 3:38 p. m.

Reduced barometer, 30.06 7 a. m. 29.95 7 p. m.

River gage, 11.7 ft

Relative humidity, 64 7 a. m. 33 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

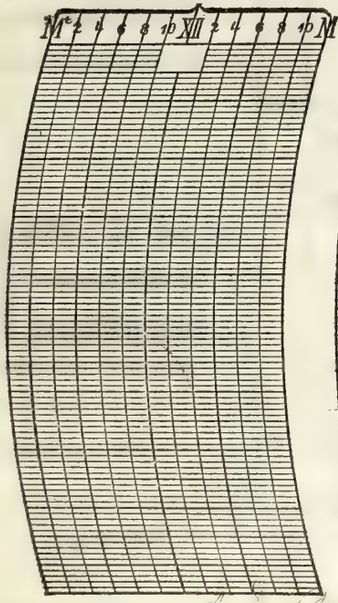
Dry temperature, 64.0 Wet temperature, 48.2

Dew-point, 30 R. humidity, 28 V. pressure, .164

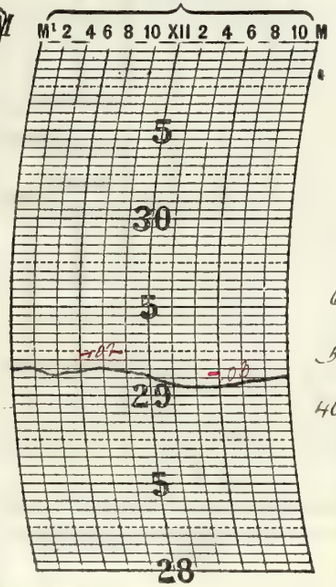
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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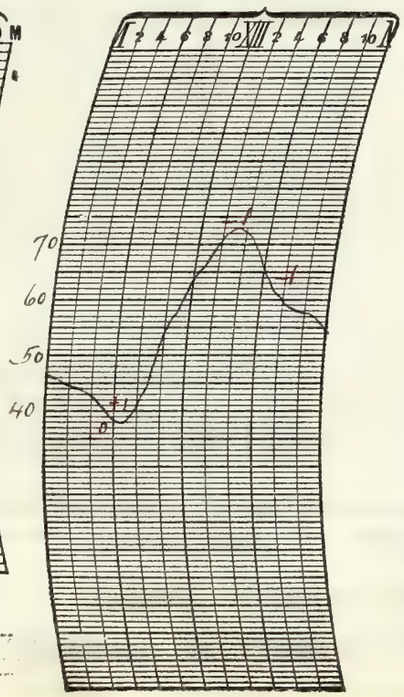


NOTES.

Clear, warm and pleasant
Weather.

Prepared by N. A. Gray

Verified by J. McKanness

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 19, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	49	48	47	46	44	45	51	56	56	59	64	66	69	68	67	64	62	62	60	60	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt. Cloudy						Cloudy											
Sunshine (in tenths of hours)						0	0.4	0.8	1.0	1.0	*1.0	*1.0	*1.0	*1.0	*1.0	*0.8	*0.7	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	12	12	11	11	11	10	8	8	10	9	9	8	9	7	10	9	6	4	5	4	4	3	3	4

Sunrise: Time, 5:46; Character, Cloudy. Moonrise: 10:27 am.

Sunset: Time, 5:52; Character, Cloudy. Moonset: 1:03 am.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	46		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase, Last Quar. 7:30

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 76

Prevailing wind direction, SW Total wind 187

Average hourly velocity, 7.8 Extreme velocity, 14

Maximum velocity, 14 Direction, S.W.

Time began, 12:35 a.m.

Reduced barometer, 30.07 7 a. m. 30.00 7 p. m.

River gage, 10.54

Relative humidity, 56 7 a. m. 32 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

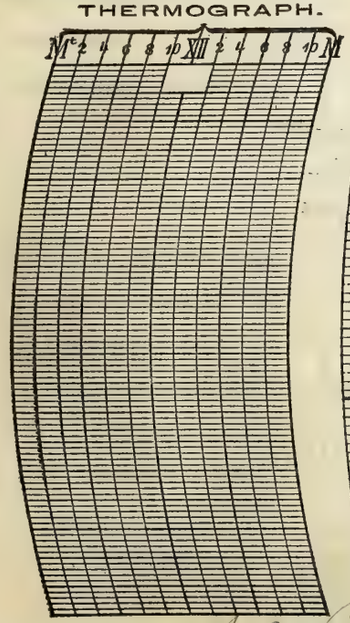
Dry temperature, 61.2 Wet temperature, 47.2

Dew-point, 31 R. humidity, 32 V. pressure, 17.2

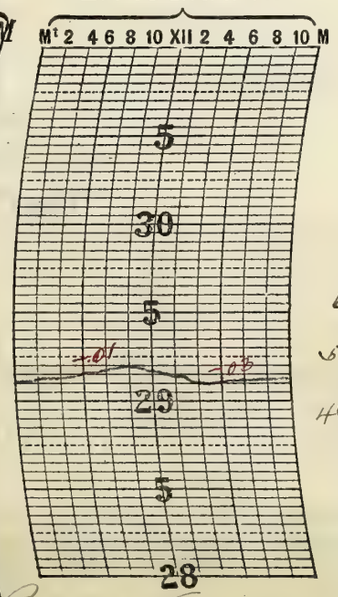
Clouds: Amount, 10; Kind, St.; Direction, S.W.

Velocity of clouds (miles per hour)

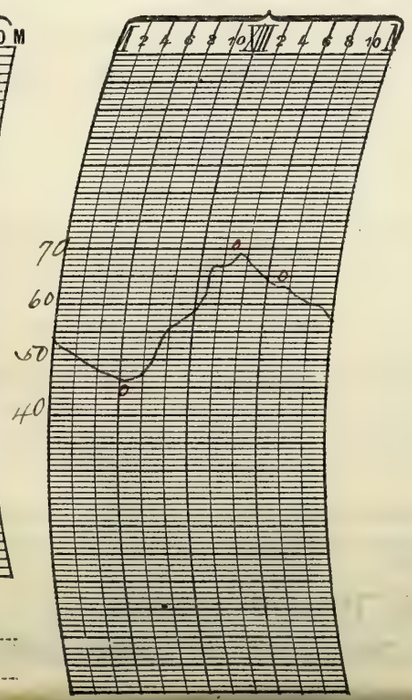
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*: Sun shining through detached clouds.

NOTES.

Generally cloudy but with sunshine. Pleasant temperature.

Prepared by N. S. Baker

Verified by P. McGinnegle

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 20, 1918

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	53	50	50	49	48	46	47	60	67	70	74	75	76	76	75	74	73	68	66	64	61	58	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)						0.27 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.48 0.4						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW	SW	S	S	S	S	S	E	E	E	E	E	E
Wind movement	7	2	2	1	2	2	2	2	3	5	5	5	4	4	4	3	5	2	4	5	3	4	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:44 Character, Clear
Moonrise: ---
Sunset: Time, 5:53 Character, Clear
Moonset: 1:50 am

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

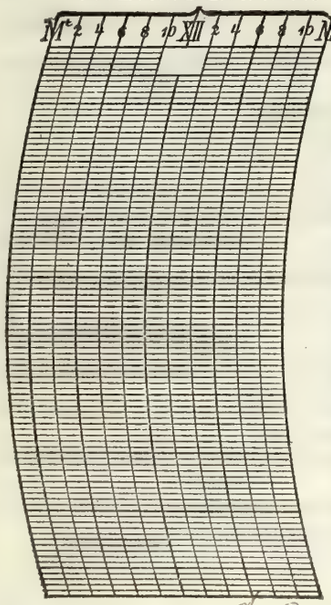
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	45	60	

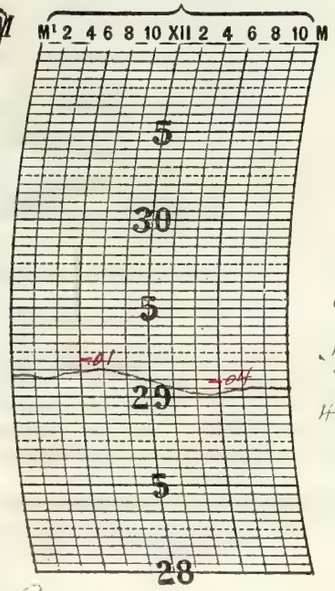
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), Few
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 86
Average hourly velocity, 3.6 Extreme velocity,
Maximum velocity, 10 Direction, S
Time began, 12.22 a. m.
Reduced barometer, 30.04 7 a. m. 29.92 7 p. m.
River gage, 8.6 ft.
Relative humidity, 79 7 a. m. 24 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p. m.
(Local Mean Time.)
Dry temperature, 72.8 Wet temperature, 52.0
Dew-point, 30 R. humidity, 20 V. pressure, .164
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

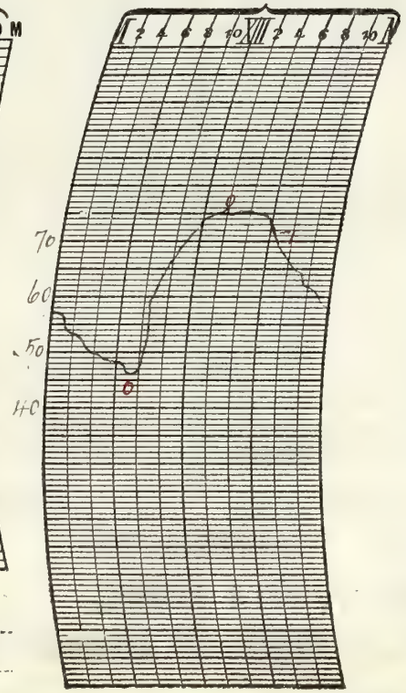
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear skies, warm and pleasant.

Prepared by N. S. Baker
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 21, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	50	49	47	51	53	61	69	73	75	77	76	77	76	75	72	67	68	65	62	61	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←				Clear							Pt. Cloudy					→ ←	Clear				
Sunshine (in tenths of hours)						0.28 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	E	E	E	E	E	E	E	E	E	S	S	SW	SW	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	4	1	3	2	3	2	2	3	1	4	6	7	8	10	10	10	9	7	4	3	5	6	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:43 Character, Clear
Moonrise: 12:29 PM
Sunset: Time, 5:54 Character, Cloudy
Moonset: 2:30 AM

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

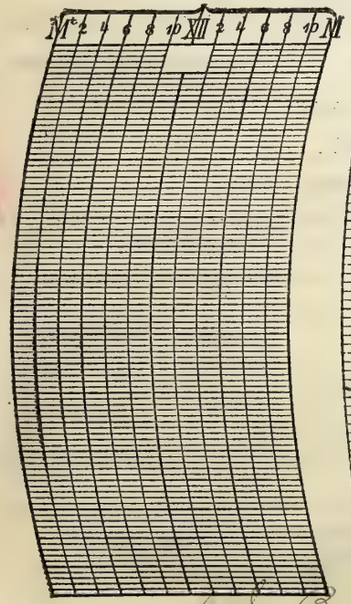
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	47	62	

Total depth of snow for 24 hours ending ___ p. m., 0 inches.
Snow, sleet, and hail on ground ___ p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, ___
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.1 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 91
Prevailing wind direction, E Total wind 121
Average hourly velocity, 5 Extreme velocity, ___
Maximum velocity, 13 Direction, W
Time began, 1:35 p. m.
Reduced barometer, 29.95 7 a. m. 29.85 7 p. m.
River gage, 6.6 ft.
Relative humidity, 45 7 a. m. 35 7 p. m.

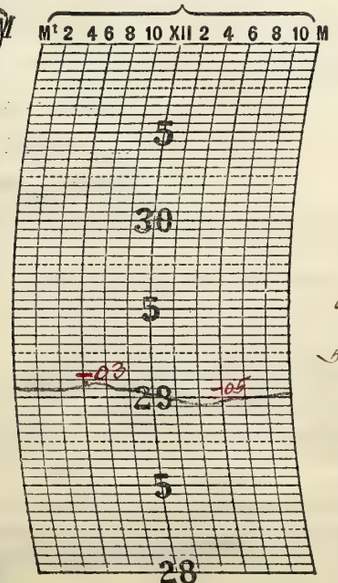
OBSERVATIONS AT ~~12 NOON.~~ 2:35 P.M.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 54.2
Dew-point, 33 R. humidity, 20 V. pressure, 187
Clouds: Amount, 2; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

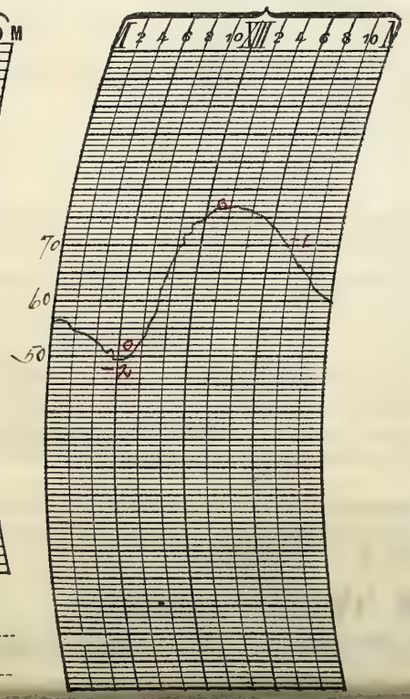
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Vernal equinox begun at 4:26 am
Partly Cloudy, warm and Pleasant
Weather.

Prepared by F. D. Boker
Verified by C. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 22, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	57	53	51	49	47	48	47	48	49	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Lt.	Haze	→	→	→	→	→	
						Clear	→	→	→	→	→	
Sunrise: Time, Character, 5:41, Hazy												
Moonrise: 1:30 P.M.												
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0*	0.3*
Wind direction	SW	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	7	11	13	11	10	13	17	15	15	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	49	48	48	46	47	47	46	44	42	39	38
State of weather: Nature of precipitation and time of beginning and ending	R B 12:40			R E 3:05								
Amounts of precipitation												
Cloudiness and other conditions	→	→	→	→	→	→	→	→	→	→	→	
	Cloudy	→	→	→	→	→	→	→	→	→	→	
Sunset: Time, Character, 5:55, Cloudy												
Moonset: 3:04 a.m.												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	7	10	11	9	10	8	9	11	11	7	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	38	48	

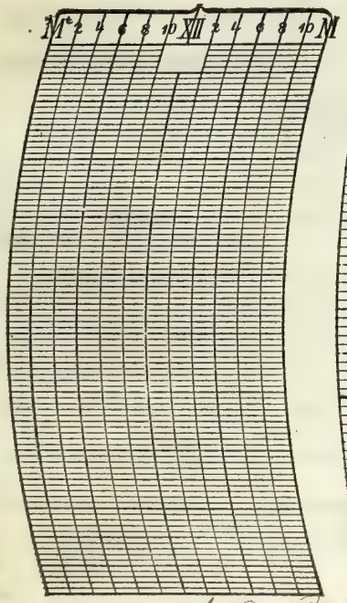
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 3.8 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 31
Prevailing wind direction, NE Total wind 237
Average hourly velocity, 9.9 Extreme velocity, 19
Maximum velocity, 19 Direction, NE
Time began, 8:38 a.m.
Reduced barometer, 30.22 7 a. m. 30.11 7 p. m.
River gage, 5.6 ft.
Relative humidity, 66 7 a. m. 49 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 51.8 Wet temperature, 44.0
Dew-point, 27 R. humidity, 37 V. pressure, .143
Clouds: Amount, 10; Kind, St.; Direction, N
Velocity of clouds (miles per hour)

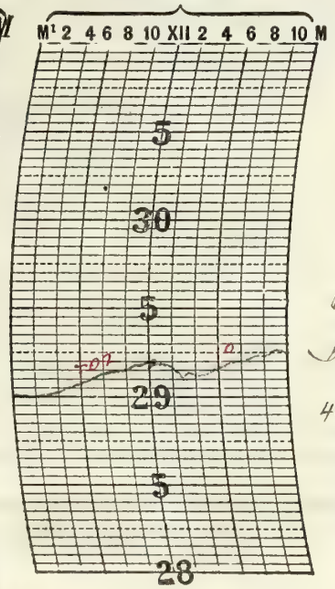
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

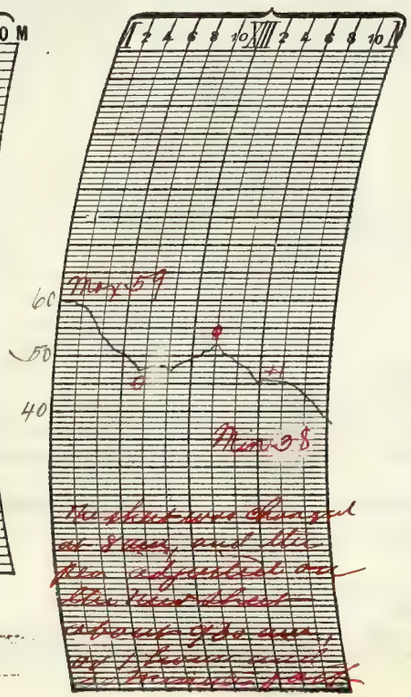
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. B. Baker
Verified by J. McDonough

8—486

* Sunshining through detached clouds.

NOTES.

Light haze began during the early morning and ended at 10 am. The day was generally cloudy, with light rain the early afternoon. The temperature was considerably lower,

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 23, 1918

Time (local standard), 6th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	32	31	30	29	29	29	33	38	40	42	45	47	46	43	42	40	38	37	36	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy					Pt.		Cloudy						Cloudy					
Sunshine (in tenths of hours)						0	*0.2	*0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	12	11	11	10	12	12	14	16	18	18	17	19	18	18	20	21	19	17	15	11	13	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:39 Character, Cloudy
Moonrise: 2:30 p.m.
Sunset: Time, 5:56 Character, Cloudy
Moonset: 3:32 a.m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

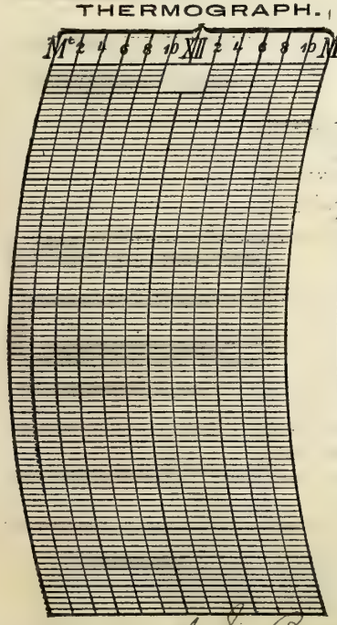
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	28	38	

Total depth of snow for 24 hours ending ___ p. m., 0 inches.
Snow, sleet, and hail on ground ___ p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ___ a. m., 0 ins.; to ___ p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Th. Cloudy; Moon phase, ___
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.0 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 73
Prevailing wind direction, NE Total wind 361
Average hourly velocity, ___ Extreme velocity, 29
Maximum velocity, 24 Direction, NE
Time began, 4:19 p.m.
Reduced barometer, 30.20 a. m. 30.20 p. m.
River gage, 5.1 ft.
Relative humidity, 84 a. m. 46 p. m.

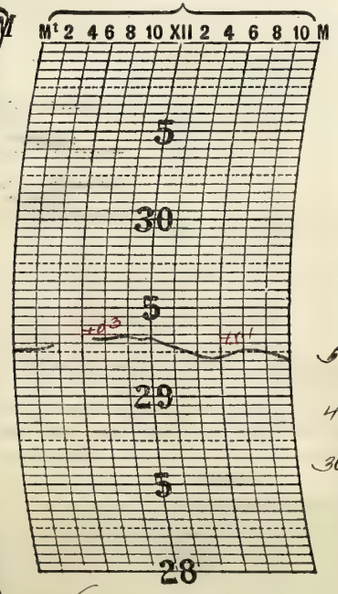
OBSERVATIONS AT 12 ~~NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 43.9 Wet temperature, 36.4
Dew-point, 26 R. humidity, 47 V. pressure, 1.36
Clouds: Amount, 2; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

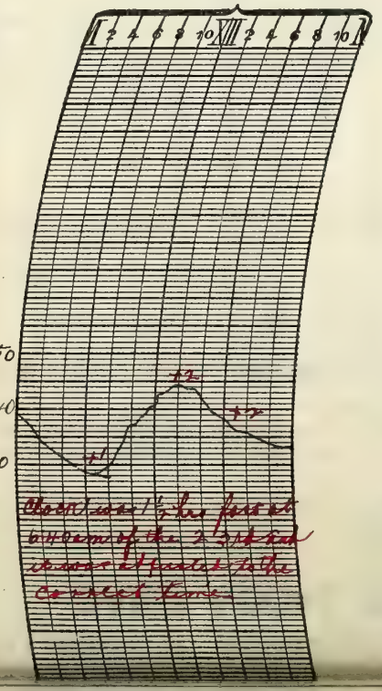
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Clock was 1½ hrs fast at 6 PM on the 23rd and was adjusted to the correct time.

NOTES.

Generally partly cloudy and cool; penetrating easterly winds.

Prepared by N. P. Baker
Verified by P. M. Conroy

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 2, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	33	33	32	31	31	33	35	39	42	48	51	52	53	50	48	46	41	39	38	35
State of weather: Nature of precipitation and time of beginning and ending	RB 12:15	—	—	—	RE HL 6m B 4:45	8m E 5:50		RB 7:04	RE 8:30															
Amounts of precipitation	—	—	—	—	—	—		—	—															
Cloudiness and other conditions	Cloudy → ← Pt. Cloudy → ← Clear →																							
Sunrise: Time, 5:38; Character, Cloudy																								
Moonrise: 3:29 p.m.																								
Sunset: Time, 5:57; Character, Clear																								
Moonset: 3:50 a.m.																								
Sunshine (in tenths of hours)						0	0	0	0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.45 0.5						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N
Wind movement	13	13	13	16	16	14	14	16	12	12	15	11	13	10	13	9	9	7	6	5	8	9	6	5
Maximum velocities (exceeding 40 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

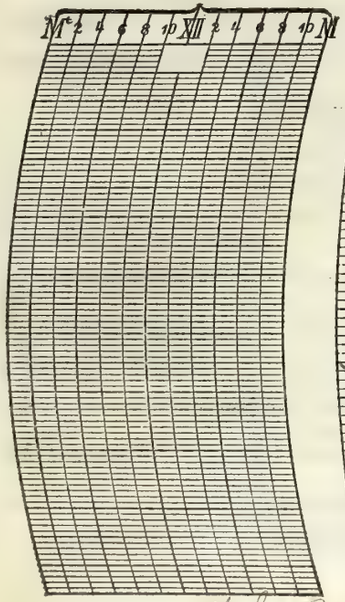
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	31	42	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.0 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 65
Prevailing wind direction, NE Total wind 265
Average hourly velocity, 11 Extreme velocity, 19
Maximum velocity, 18 Direction, NE
Time began, 9:57 a. m.
Reduced barometer, 30.16 7 a. m. 30.08 7 p. m.
River gage, 4.6 ft.
Relative humidity, 90 7 a. m. 54 7 p. m.

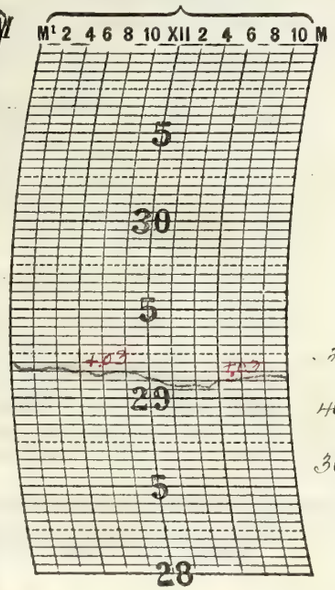
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p. m. (Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 37.0
Dew-point, 33 R. humidity, 76 V. pressure, .187
Clouds: Amount, 8; Kind, Sc; Direction, X
Velocity of clouds (miles per hour)

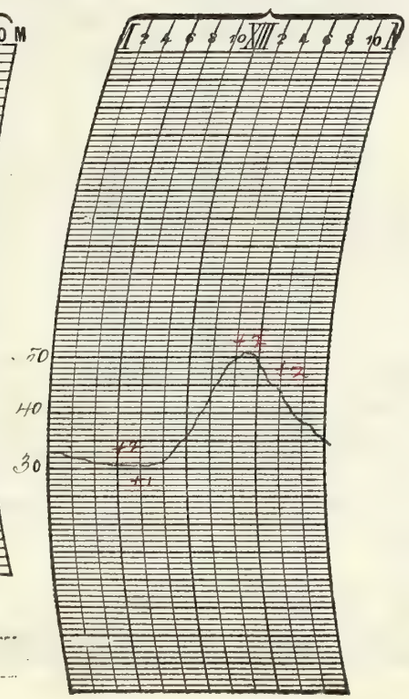
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

Cloudy during the forenoon with rain and some snow in the early morning; afternoon partly cloudy to clear. Morning cool, but mild temperature and pleasant in the afternoon.

Prepared by W. S. Coffin

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 25, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	32	32	32	33	36	41	44	47	49	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)						0.40 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	N	N	NW	NW	N	NW	NW	NW
Wind movement	6	6	6	6	6	6	6	8	8	11	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	49	48	45	44	42	41	40	40	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	x 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW
Wind movement	19	22	22	21	16	10	7	7	8	7	9	12

Sunrise: Time, 5:36; Character, Clear. Moonrise: 4:28 P.M.

Sunset: Time, 5:58; Character, Cloudy. Moonset: 4:23 A.M.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	32	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 11.2 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 9

Prevailing wind direction, NW Total wind 216.4

Average hourly velocity, 18.0 Extreme velocity, 29

Maximum velocity, 25 Direction, NW

Time began, 3:04 P.M.

Reduced barometer, 30.11 7 a. m. 29.13 7 p. m.

River gage, 4.3 ft.

Relative humidity, 74 7 a. m. 3 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M. (Local Mean Time.)

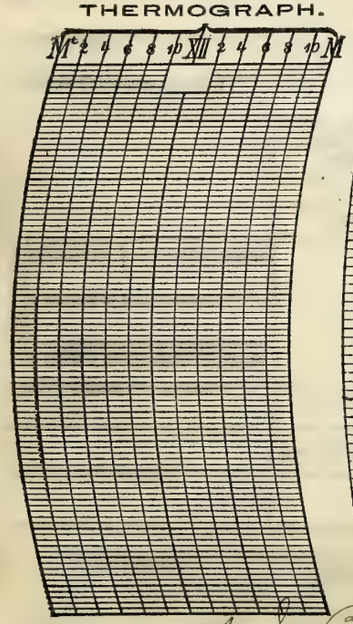
Dry temperature, 50.2 Wet temperature, 36.7

Dew-point, 13 R. humidity, 20 V. pressure, .074

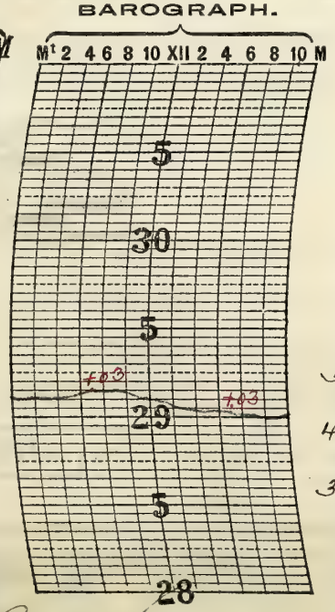
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

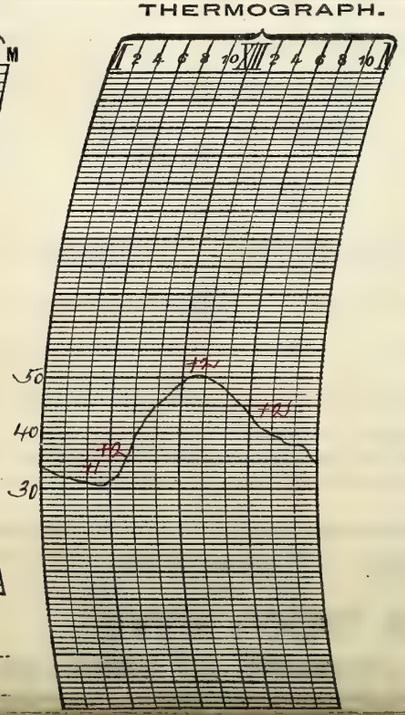
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



x Sunset obscured by a small bank of st. cloud.

NOTES.

Generally clear weather. Cool in the morning but moderate temperature obtained in the afternoon.

Prepared by W. F. Baker

Verified by J. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 26, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	32	30	28	26	25	26	27	28	30	34	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)						0.43 0	0.5 0.5	0.6	1.0	1.0	1.0	1.0
Wind direction	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	7	6	5	7	7	8	10	11	8	7	6
Maximum velocities (exceeding 30 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	40	42	42	41	39	38	35	34	33	32	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.78 0.3						
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	7	5	6	5	6	5	7	6	7	6	4

Sunrise: Time, 5:34; Character, Clear

Moonrise: 5:26 P.M.

Sunset: Time, 5:59; Character, Clear

Moonset: Unknown

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 97

Prevailing wind direction, NE Total wind 1.5

Average hourly velocity, 6.5 Extreme velocity, 12

Maximum velocity, 12 Direction, NE

Time began, 7:55 a. m.

Reduced barometer, 30.07 7 a. m. 30.[illegible] 7 p. m.

River gage, 4.1 ft.

Relative humidity, 87 7 a. m. [illegible] 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M. (Local Mean Time.)

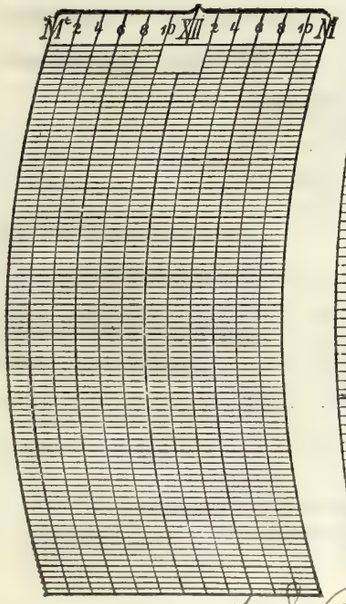
Dry temperature, 38.1 Wet temperature, 32.0

Dew-point, 23 R. humidity, 50 V. pressure, 11.8

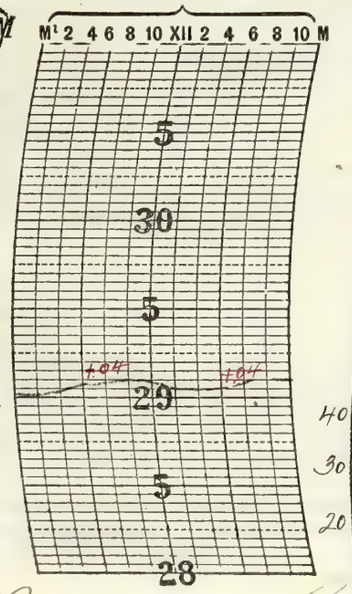
Clouds: Amount, 2; Kind, Cu; Direction, N

Velocity of clouds (miles per hour)

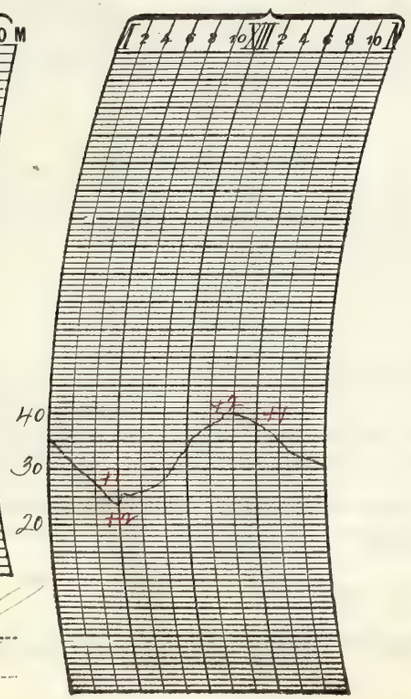
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. J. Baker

Verified by P. McDonough

8—486

NOTES.

Cool and generally clear

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 27, 1918

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	27	27	26	28	31	33	36	38	41	43	45	46	46	45	44	41	40	39	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear										→			
Sunrise: Time, 5:33 Character, Clear																					Sunset: Time, 6:00 Character, Clear			
Moonrise: 6:24 P.M.																					Moonset: 5:08 am			
Sunshine (in tenths of hours)						0.45 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.50 0.5						
Wind direction	NE	N	N	N	NE	N	N	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	2	4	6	6	6	4	4	6	5	5	7	7	6	7	8	7	9	10	8	6	6	7	6	5
Maximum velocities (exceeding 30 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

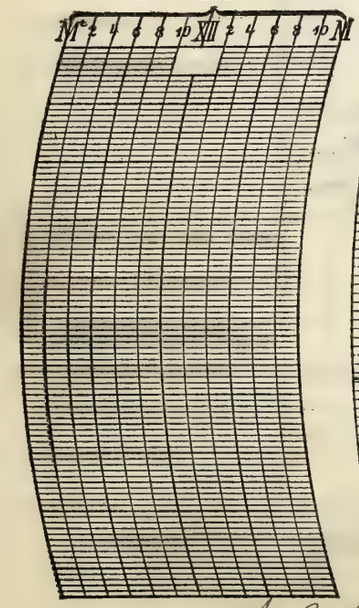
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	26	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full Moon 8
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 147
Average hourly velocity, 6.1 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 4:58 a. m.
Reduced barometer, 30.14.7 a. m. 30.14.7, p. m.
River gage, 4.05
Relative humidity, 77 7 a. m. 71 7 p. m.

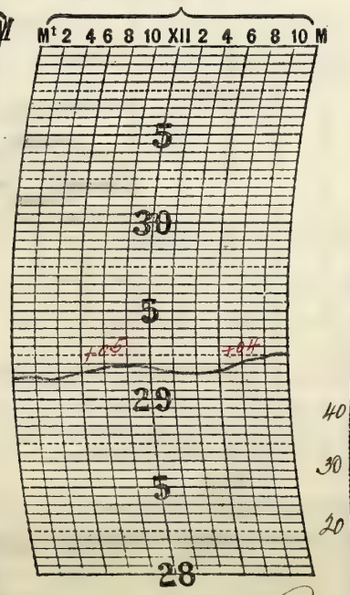
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 40.8 Wet temperature, 31.7
Dew-point, 16 R. humidity, 35 V. pressure, .186
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

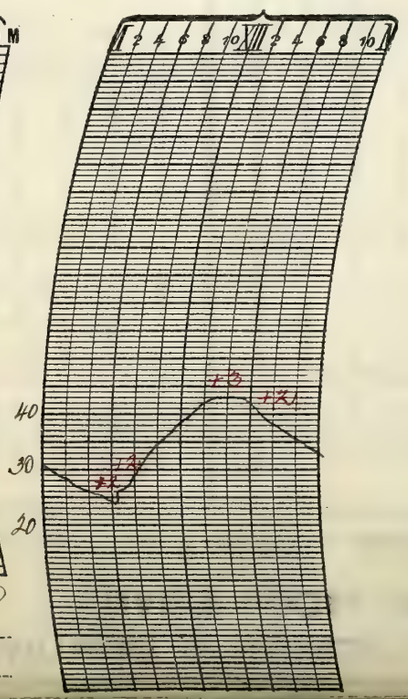
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and generally clear

Prepared by H. S. Baker

Verified by F. M. Dorough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 28, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	29	28	27	26	28	31	34	37	40	43	45	46	47	47	46	45	42	39	37	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear														
Sunshine (in tenths of hours)						0.48 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.02 0					
Wind direction	NE	E	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	5	6	7	7	8	9	8	11	12	11	12	13	14	14	14	13	12	10	8	8	6	7	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:31 Character, Clear
Moonrise: 4:24 Pm.
Sunset: Time, 6:01 Character, Clear
Moonset: 5:34 am

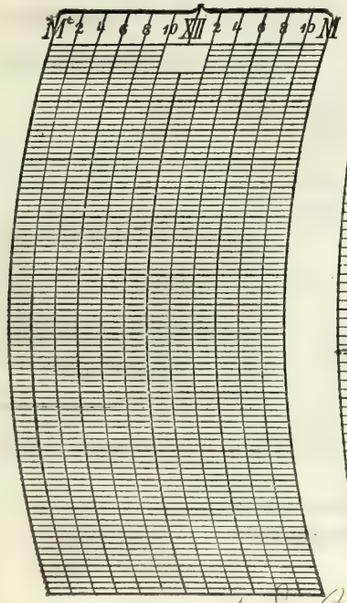
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	26	36	

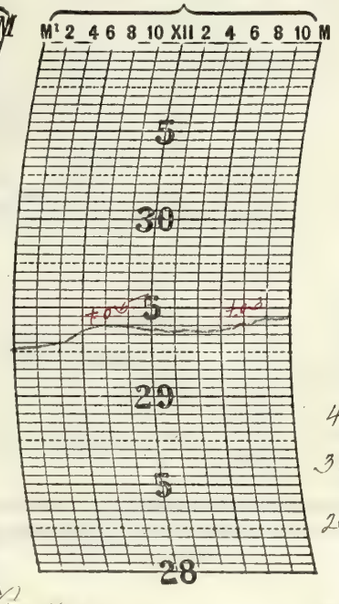
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 225
Average hourly velocity, 9.4 Extreme velocity, 22
Maximum velocity, 18 Direction, NE
Time began, 12:58 p. m.
Reduced barometer, 30.37 7 a. m. 30.36 7 p. m.
River gage, 3.85
Relative humidity, 76 7 a. m. 45 7 p. m.

OBSERVATIONS AT ~~12 NOON~~, 12:38 PM.
(Local Mean Time.)
Dry temperature, 43.0 Wet temperature, 35.6
Dew-point, 24 R. humidity, 47 V. pressure, 1.24
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

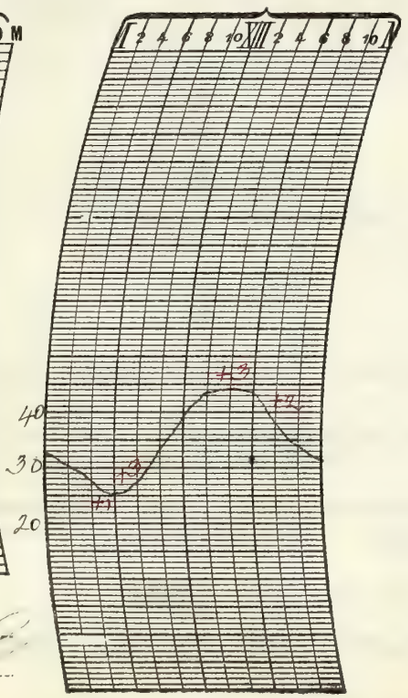
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by H. L. Cooper
Verified by J. McGinnis

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 29, 1918

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	31	30	30	30	28	[illegible]	36	41	46	49	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)						0.52 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	E	NE	E	E	NE	NE	NE	NE	E	NE	NE	NE
Wind movement	5	4	6	4	5	7	7	7	7	5	4	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	56	58	58	58	55	41	53	52	48	46	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1	* 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE
Wind movement	5	6	7	5	6	4	4	4	3	2	2	1

Sunrise: Time, 6:29 Character, Clear
Moonrise: 8:24 PM
Sunset: Time, 6:02 Character, Cloudy
Moonset: 6:02 am

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

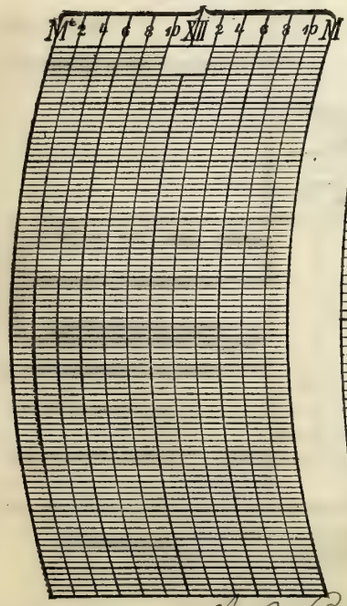
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	28	43	

Total depth of snow for 24 hours ending ? p. m., 0 inches.
Snow, sleet, and hail on ground ? p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ? a. m., 0 ins.; to ? p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10),
Actual sunshine, hours, 11.6 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 92
Prevailing wind direction, NE Total wind 114
Average hourly velocity, 4.8 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 7:06 a. m.
Reduced barometer, 30.42 ? a. m. 30.22 ?, p. m.
River gage, 3.6 ft.
Relative humidity, 77 ? a. m. 29 ? p. m.

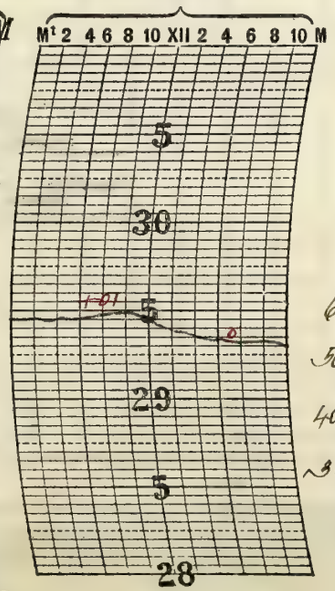
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 52.2 Wet temperature, 40.7
Dew-point, 21.5 R. humidity, 33 V. pressure, .130
Clouds: Amount, 1; Kind, Cirrus; Direction, NW
Velocity of clouds (miles per hour)

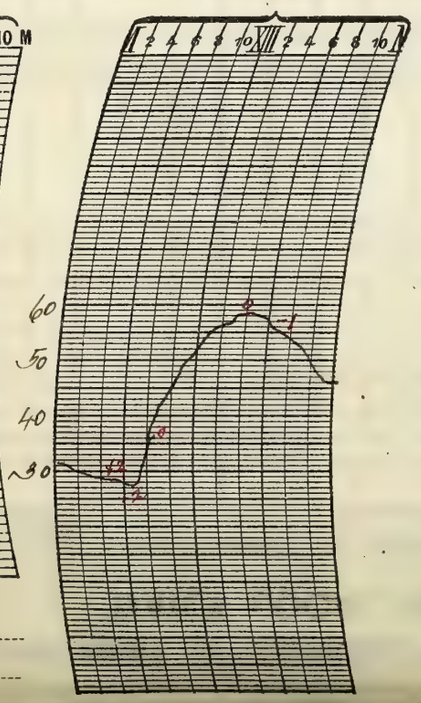
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sunset occurred by [illegible] of P.M. clouds

NOTES.

Tippin's bucket raingage exposed on roof at 1.45 p.m.
Clear and pleasant; morning cool, but considerably warmer during the day.

Prepared by H. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 30, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	43	42	41	40	41	45	51	57	58	61	63	64	64	64	64	62	58	57	55	53	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.53	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	SE	SE	O	E	SE	SE	SW	SW	SW	SW	W	SW	W	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	1	1	0	1	1	3	4	6	8	8	11	9	11	12	14	13	13	8	6	4	7	7	7	9

Clear

Sunrise: Time, 5:28 Character, Clear

Moonrise: 9:24 P.M.

Sunset: Time, 6:03 Character, Cloudy

Moonset: 6:33 a.m.

Maximum velocities (exceeding 30 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	39	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 11.4 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 90

Prevailing wind direction, SW Total wind 164

Average hourly velocity, 6.8 Extreme velocity, 19

Maximum velocity, 18 Direction, SW

Time began, 2:50 p.m.

Reduced barometer, 30.16 7 a. m. 29.89 7 p. m.

River gage, 3.54

Relative humidity, 68 7 a. m. 82 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:30 P.M.
(Local Mean Time.)

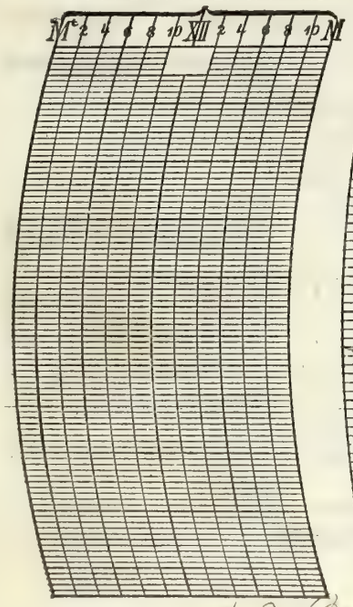
Dry temperature, 60.0 Wet temperature, 43.2

Dew-point, 19 R. humidity, 19 V. pressure, 0.98

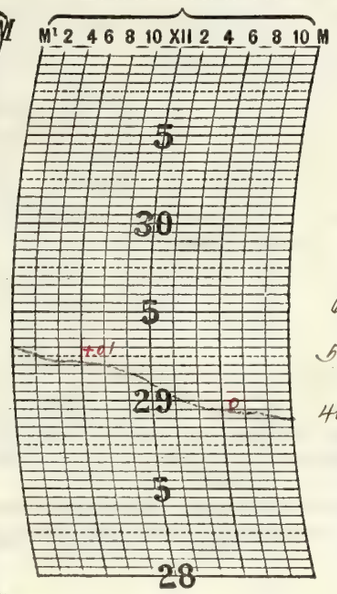
Clouds: Amount, 2; Kind, Cirr.; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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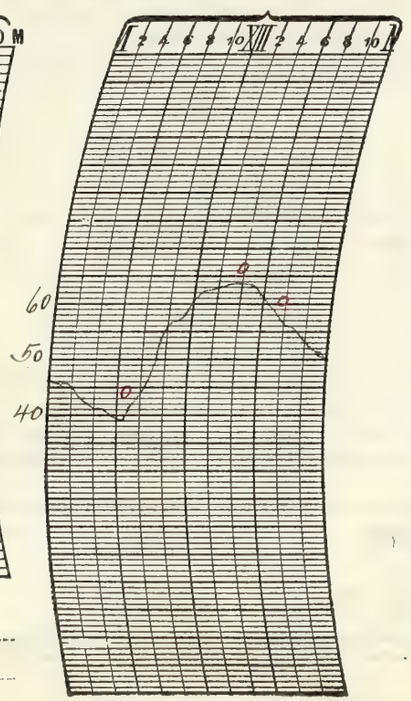


NOTES.

Clear, warm and pleasant

Prepared by A. J. Baker

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 31, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	47	47	45	48	54	61	65	68	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt. Cldy					Clear	
Sunrise: Time, Character,	5:26 Cloudy											
Moonrise:	10:24 P.M.											
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	10	9	11	10	10	12	14	18	20	23
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	71	70	68	66	63	62	60	60	59	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				Partly			Clear				
Sunset: Time, Character,									6:04 Cloudy			
Moonset:									7:00 a.m.			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	25	24	26	23	21	17	15	15	15	16	17	16
Maximum velocities (exceeding 25 miles) direction and time	32 SW 12:46											

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

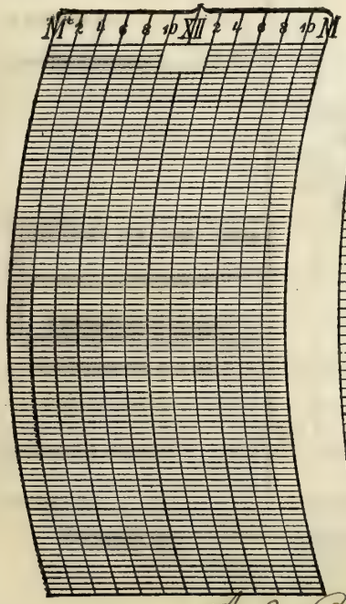
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	45	55.5	

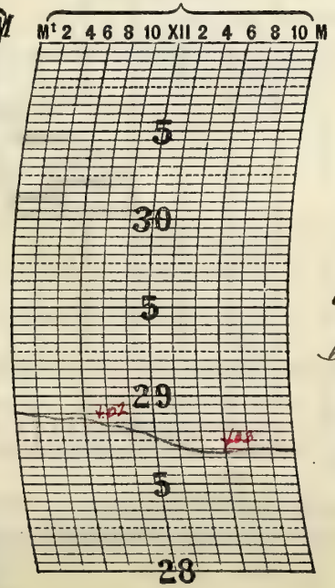
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 0 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.4 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind 385
Average hourly velocity, 16.0 Extreme velocity, 36
Maximum velocity, 32 Direction, SW
Time began, 12:46 p.m.
Reduced barometer, 29.79 7 a. m. 29.62 7 p. m.
River gage, 3.6 ft.
Relative humidity, 42 7 a. m. 6 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 2:38 P.M.
(Local Mean Time.)
Dry temperature, 69.8 Wet temperature, 55.5
Dew-point, 45 R. humidity, 40 V. pressure, 296
Clouds: Amount, 2 ; Kind, Haze ; Direction,
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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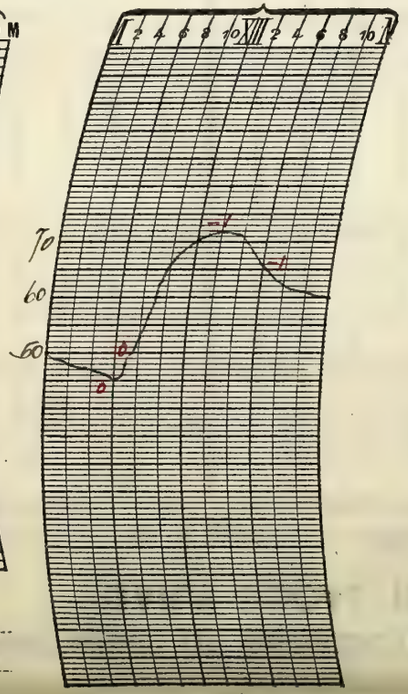


NOTES.

Easter Sunday.
Generally clear, warm and fine weather. Light haze during the day.
Hours of telegraphic reports changed to 8 am and 8 pm "Summer Time", corresponding to 6 am and 6 pm, 90th Meridian Time. The observations taken at the hours mentioned being additional to the regular observations.

Prepared by A. J. Boxer
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) April 1, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	55	54	53	53	55	55	57	61	61
State of weather: Nature of precipitation and time of beginning and ending			RB 2:40			RE 5:20				RB 9:40	RE 10:00	
Amounts of precipitation			.01	.03	.09	T				T		
Cloudiness and other conditions	←									Cloudy		
Sunrise: Time, Character	5:24 Cloudy											
Moonrise	11:21 pm											
Sunshine (in tenths of hours)						0	0	0	0	0	*0.7	0
Wind direction	SW	SW	W	W	S	E	SW	SW	SW	SW	SW	SW
Wind movement	15	14	9	7	8	11	11	14	16	16	16	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	61	60	58	57	56	56	55	53	53	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy					Pt. Cloudy						
Sunset: Time, Character									6:06 Cloudy			
Moonset									7:21 am			
Sunshine (in tenths of hours)	*0.3	0	*0.2	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	20	17	18	17	15	14	9	9	8	6	5	6

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	52	56	

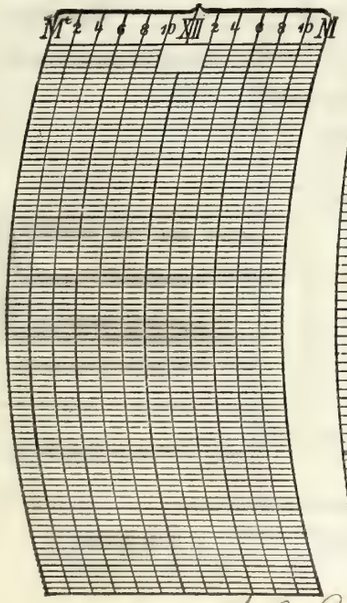
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy, Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.2 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 9
Prevailing wind direction, SW Total wind 299
Average hourly velocity, 12.5 Extreme velocity, 28
Maximum velocity, 27 Direction, SW
Time began, 12:24 p.m.
Reduced barometer, 29.65 7 a. m. 29.66 7 p. m.
River gage, 3.4 ft.
Relative humidity, 91 7 a. m. 78 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

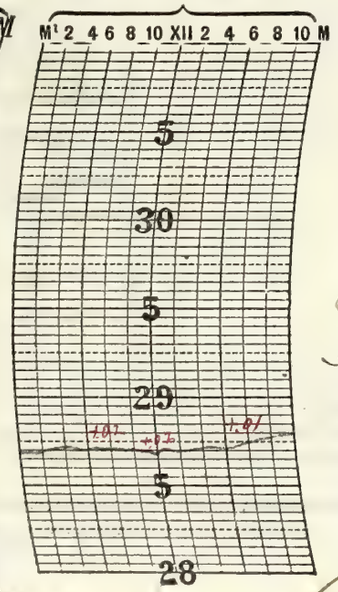
OBSERVATIONS AT 12 ~~NOON~~. 12:38 p.m.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 54.8
Dew-point, 51 R. humidity, 72 V. pressure, .373
Clouds: Amount, 6; Kind, Strat; Direction, SW
Velocity of clouds (miles per hour)

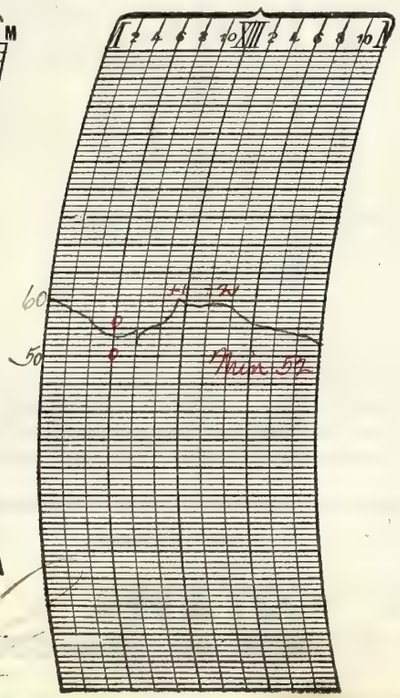
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Sun shining through detached clouds

NOTES.

The day was generally cloudy, with some showers in the early morning and forenoon. Moderate temperatures prevailed.

Prepared by H. S. Boxer
Verified by O. McDonnell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) April 2, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	47	46	45	55	57	63	64	67	70	72	74	74	73	71	62	54	53	50	47	48	45
State of weather: Nature of precipitation and time of beginning and ending																			RB 1:[illegible]	RE 8:[illegible]				
Amounts of precipitation				2:[illegible]	7:09														.02	.03				
Cloudiness and other conditions							Clear						R4	Cloudy					Cloudy					
Sunshine (in tenths of hours)						0.62 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0	0					
Wind direction	SW	SW	S	S	SE	SE	S	S	SW	NE	E	E	SE	SE	S	SW	SW	W	NE	NE	NE	NE	E	NE
Wind movement	6	6	5	4	3	3	6	6	3	7	7	5	5	6	6	8	9	8	17	15	13	18	16	14

Sunrise: Time, 5:23; Character, Clear

Moonrise: ---

Sunset: Time, 6:07; Character, Cloudy

Moonset: 8:41 am

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	45	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, PA Cloudy. Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.4 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 74

Prevailing wind direction, NE Total wind 196

Average hourly velocity, 8.2 Extreme velocity, 24

Maximum velocity, 22 Direction, NE

Time began, 6:27 p m

Reduced barometer, 29.77 7 a. m. 29.82 7 p. m.

River gage, 3.2 ft.

Relative humidity, 89 7 a. m. 82 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p m.
(Local Mean Time.)

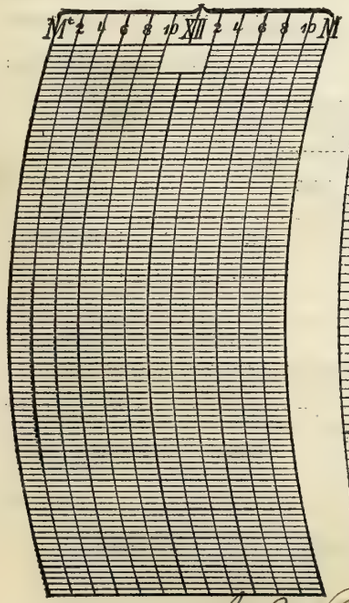
Dry temperature, 68.6 Wet temperature, 59.0

Dew-point, 52 R. humidity, 57 V. pressure, .387

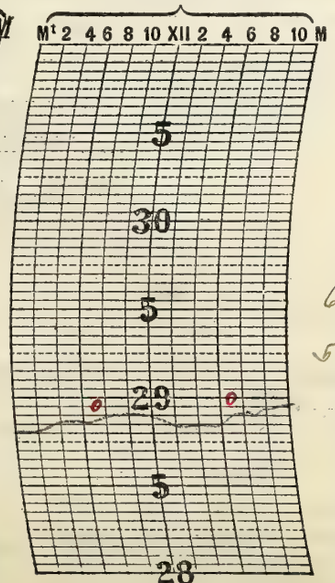
Clouds: Amount, 4; Kind, Cu; Direction, SE

Velocity of clouds (miles per hour)

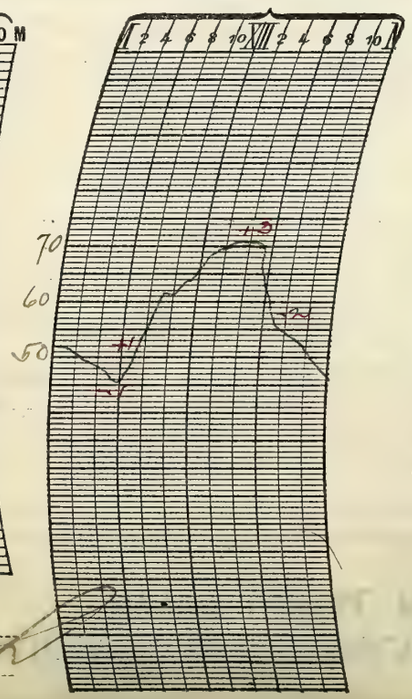
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness during the day, cloudy at night, with thunder shower in the early night. First thunder heard at 6:35 pm, last heard at 8 pm. Storm came from the northwest. Moderately high temperatures prevailed during the afternoon but the weather became decidedly colder between 5:40 pm and 7 pm.

Light fog began during the early morning and ended 7:34 am.

Prepared by H. S. Baker

Verified by C. M. Conrad

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) April 3, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	40	38	38	36	36	35	36	37	38	42
State of weather: Nature of precipitation and time of beginning and ending					RB 11.N.		RE 6:35	RB 7:50	RE 9:00			
Amounts of precipitation					T	T	T	T	.01			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	5:21 Cloudy											
Moonrise	12:09 am											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.3
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	18	18	18	18	17	14	15	14	12	12	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	45	47	47	46	45	43	41	40	38	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear			Pt. Cldy			Clear					
Sunset: Time, Character									6:08 Clear			
Moonset									9:38 am			
Sunshine (in tenths of hours)	10	10	10	0.5	0.1	0	0.13 0					
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	NE	NE	NE
Wind movement	13	13	13	10	9	8	5	14	4	10	10	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive begin.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

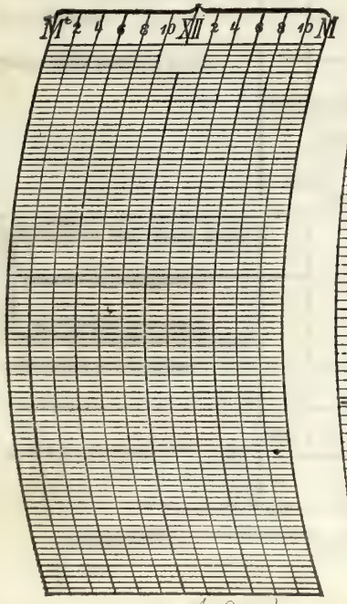
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	35	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.0 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 31
Prevailing wind direction, NE Total wind 291
Average hourly velocity, 12.1 Extreme velocity, 29
Maximum velocity, 24 Direction, NE
Time began, 3:58 a. m.
Reduced barometer, 29.99, 7 a. m. 30.07, 7 p. m.
River gage, 3.4 ft
Relative humidity, 79 7 a. m. 70 7 p. m.

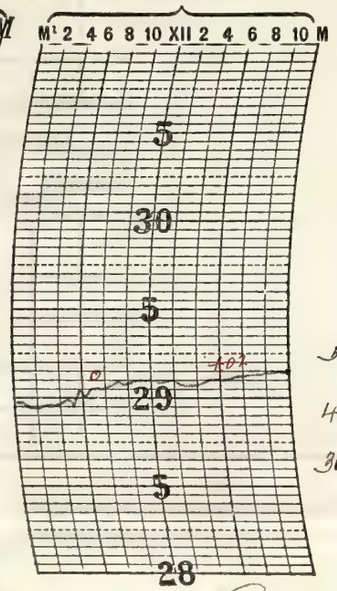
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 36.8
Dew-point, 31 R. humidity, 67 V. pressure, .172
Clouds: Amount, 8; Kind, St.Cu.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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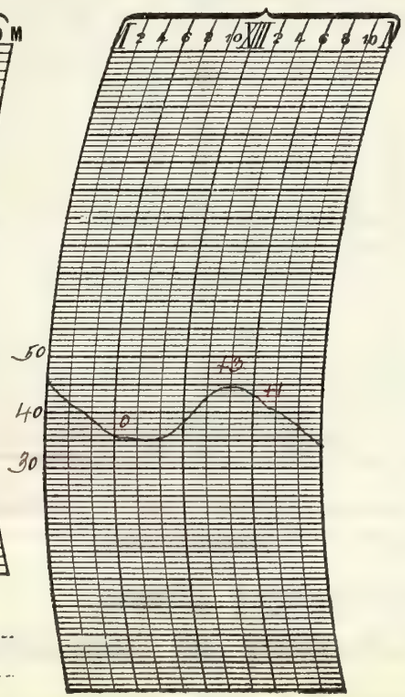


NOTES.

Day cool; Cloudy with showers in the early part of the day, but weather mostly clear during the last half of the day.

Prepared by A. J. Bussey

Verified by C. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) April 4, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	32	30	30	32	34	37	39	41	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunrise: Time, 5:19 Character, Clear												
Moonrise: 1:00 am												
Sunshine (in tenths of hours)						0.6 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	N	N	NE	N	N	NE	N	N	NE	N
Wind movement	7	6	6	11	9	10	11	14	14	14	17	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	44	43	43	41	40	38	37	36	34	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 6:09 Character, Clear												
Moonset: 10:41 am												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.5 0					
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	E	E
Wind movement	16	16	15	15	14	15	10	9	6	5	7	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	30	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full moon

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 12.8 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 100

Prevailing wind direction, N-NE Total wind 270

Average hourly velocity, 11.2 Extreme velocity, 27

Maximum velocity, 24 Direction, NE

Time began, 10:48 a. m.

Reduced barometer, 30.22 7 a. m. 30.35 7 p. m.

River gage, 3.6 ft

Relative humidity, 40 7 a. m. 42 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

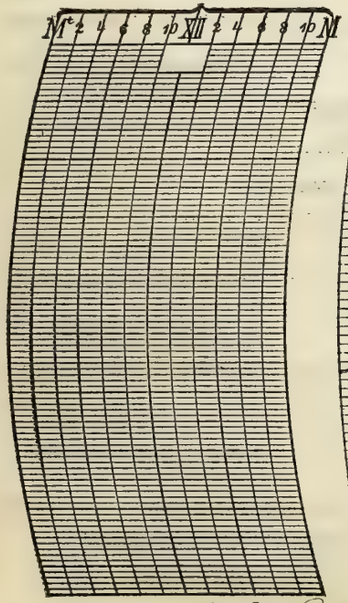
Dry temperature, 42.4 Wet temperature, 32.8

Dew-point, 15 R. humidity, 5 V. pressure, 2

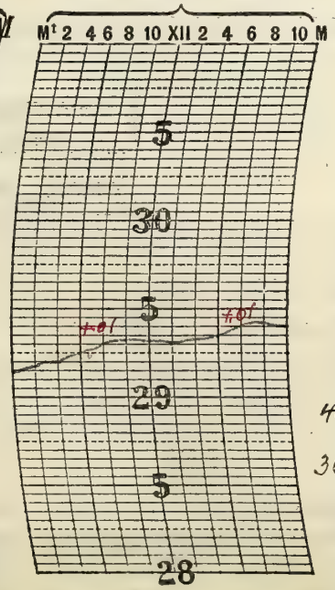
Clouds: Amount, 0; Kind, 0; Direction,

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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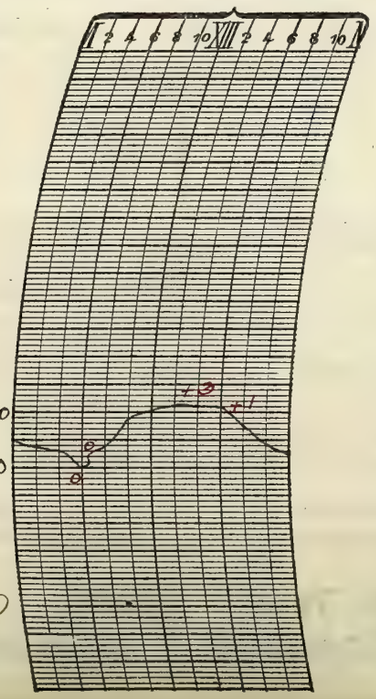


NOTES.

Clear, cool, and pleasant weather.

Prepared by H. S. Baxter

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) April 5, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	30	29	28	27	27	31	33	36	39	42	44	47	48	50	51	50	48	45	42	39	37	36	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L				Clear									Pt. Cldy			Clear			
Sunrise: Time, Character	5:17 Clear																							
Moonrise	1:42 am																							
Sunset: Time, Character																					6:10 Cloudy			
Moonset																					— — —			
Sunshine (in tenths of hours)						0.72 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	E	E	E	NE	NE	NE	NE	E	E	E	SE	SE	E	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	6	5	5	4	4	7	6	9	11	12	10	7	7	8	8	10	10	10	8	7	8	12	13	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	27	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.9 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 92
Prevailing wind direction, E Total wind 197
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 17 Direction, E
Time began, 9:40 a. m.
Reduced barometer, 30.43 7 a. m. 30.31 7 p. m.
River gage, 3.14 ft
Relative humidity, 54 7 a. m. 45 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

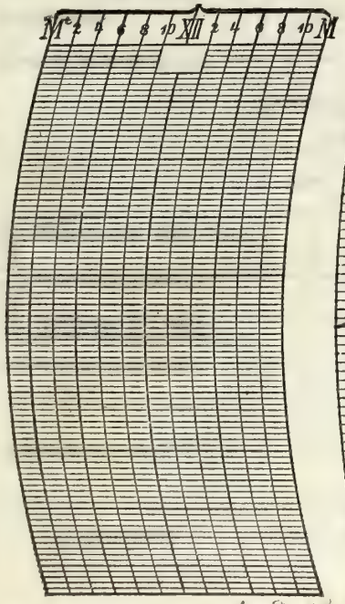
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

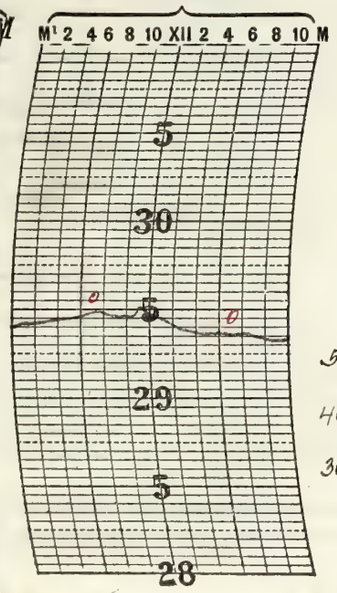
OBSERVATIONS AT ~~12 NOON~~ 1:35 p.m. (Local Mean Time.)

Dry temperature, 43.8 Wet temperature, 33.6
Dew-point, 16 R. humidity, 29 V. pressure, .085
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

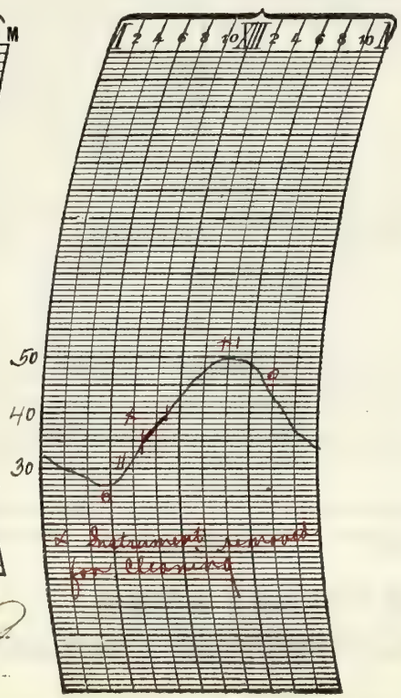
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and generally clear but with Cirro-Stratus Clouds moving from the northwest in the late afternoon. Sunset obscured by Cloudy bank.

Prepared by W. S. Chase

Verified by M. C. Dorough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) April 6, 191[illegible]

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	31	30	32	35	40	50	55	59	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy					Rain	
Sunshine (in tenths of hours)						0	0	*0.6	*0.8	*1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	10	10	11	10	11	9	9	13	10	10	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	62	60	59	57	50	49	49	50	50
State of weather: Nature of precipitation and time of beginning and ending							R 13 6.34				RE 10.10	
Amounts of precipitation							T	T	.03	.01	T	
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	*1.0	*0.5	0	0	0	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S
Wind movement	14	16	13	13	13	13	15	18	22	20	19	22

Sunrise: Time, 5:16; Character, Cloudy

Moonrise: 2:19 am

Sunset: Time, 6:11; Character, Cloudy

Moonset: 1:02 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	30	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 2 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 5.9 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 46

Prevailing wind direction, E-SE Total wind 372

Average hourly velocity, 13.6 Extreme velocity, 30

Maximum velocity, 26 Direction, S

Time began, 8:07 p.m.

Reduced barometer, 30.18 7 a. m. 29.97 7 p. m.

River gage, 3.4 ft

Relative humidity, 64 7 a. m. 41 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12 38 P.M.
(Local Mean Time.)

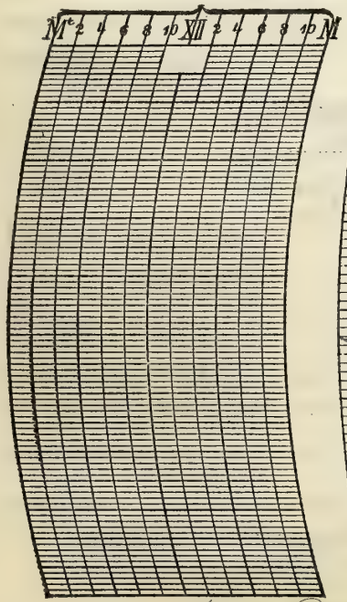
Dry temperature, 61.5 Wet temperature, 45.5

Dew-point, 25 R. humidity, 24 V. pressure, .136

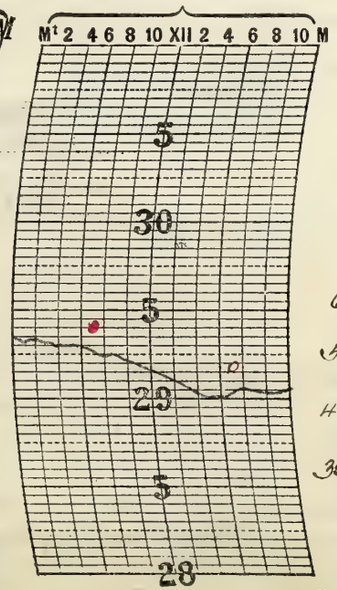
Clouds: Amount, 9; Kind, St.; Direction, SE

Velocity of clouds (miles per hour)

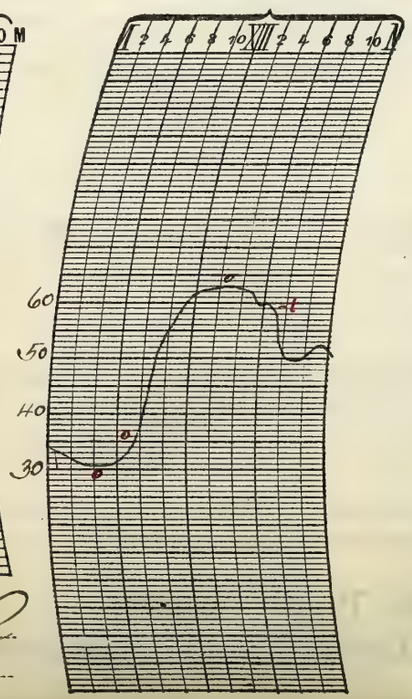
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. S. Baker

Verified by J. McDonough

8—486

* Sun shining through detached clouds

NOTES.

Generally cloudy during the day with light rain at night. Cool morning but morning warmer during the day.

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) April 7, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	47	45	44	44	45	48	53	55	57	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy					
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	24	18	13	10	10	9	11	14	15	19	20	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	60	60	59	57	53	48	46	44	44	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				Pt. Cloudy							
Sunshine (in tenths of hours)	*1.0	*1.0	*1.0	0.7	0	0	0					
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	19	21	20	19	15	13	11	11	9	8	7	5

Sunrise: Time, 5:14; Character, Cloudy. Moonrise: 2:53 am

Sunset: Time, 6:12; Character, Cloudy. Moonset: 2:16 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	42	51	6

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy. Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.9. Possible sunshine, hours, 13.3

Per cent of possible sunshine, 61

Prevailing wind direction, SW. Total wind 339

Average hourly velocity, 14.1. Extreme velocity, 30

Maximum velocity, 29. Direction, SW

Time began, 12:35 a.m.

Reduced barometer, 30.12, 7 a. m. 30.20, 7 p. m.

River gage, 3.2 ft

Relative humidity, 84 7 a. m. 52 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM (Local Mean Time.)

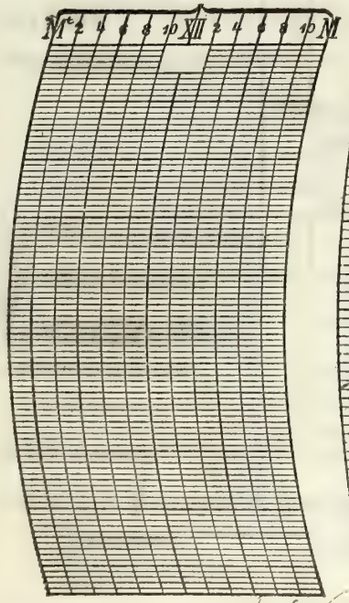
Dry temperature, 57.0. Wet temperature, 47.2

Dew-point, 37. R. humidity, 47. V. pressure, .219

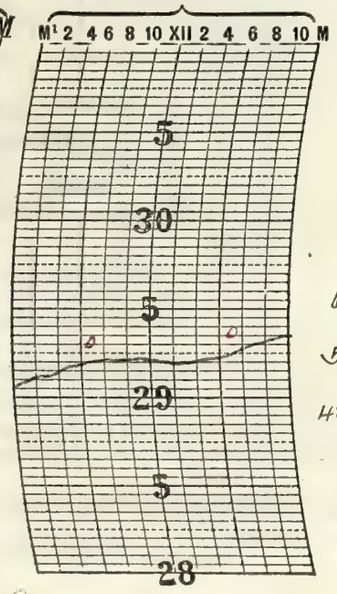
Clouds: Amount, 6; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

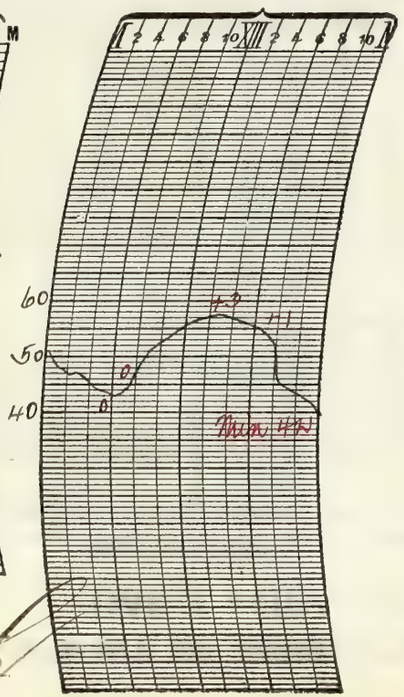
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sunshining through detached clouds.

NOTES.

Generally partly cloudy with moderate temperature.

Prepared by W. S. Baker

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) 3 April 8, 191

Time (local standard), 90° mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	38	37	36	36	37	37	38	34	36	36	35	34	34	35	34	33	32	31	30	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy						C	loudy											
Sunrise: Time, 5:13 Character, Cloudy																					Sunset: Time, 6:13 Character, Cloudy			
Moonrise: 3:27 am																					Moonset: 3:31 P.M.			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NW	W	NW	NW	NW	NW	NW	N	N	N	N	N	N	NW	NW	N	N	N	N	N	N	NE	N	N
Wind movement	6	7	8	9	8	6	6	10	12	13	13	14	16	17	16	15	18	14	13	11	13	15	11	11
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

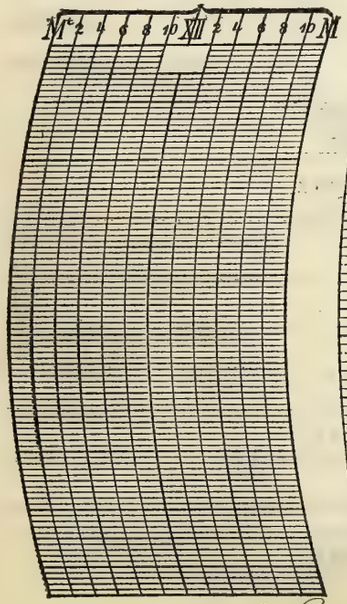
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	29	36	

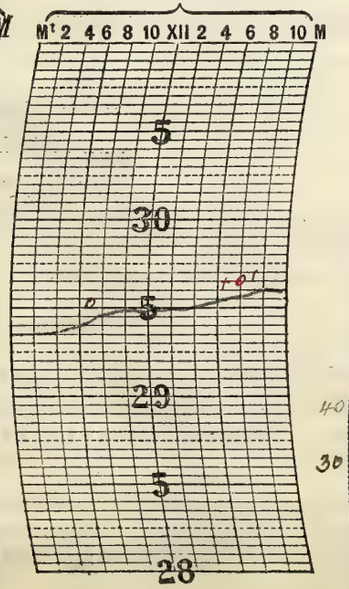
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 15
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind 282
Average hourly velocity, 11.8 Extreme velocity, 22
Maximum velocity, 21 Direction, NW
Time began, 4:47 p.m.
Reduced barometer, 30.35 7 a. m. 30.51 7 p. m.
River gage, 3.76
Relative humidity, 71 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 35.0 Wet temperature, 32.4
Dew-point, 29 R. humidity, 76 V. pressure, .157
Clouds: Amount, 10; Kind, Strat.; Direction, N
Velocity of clouds (miles per hour)

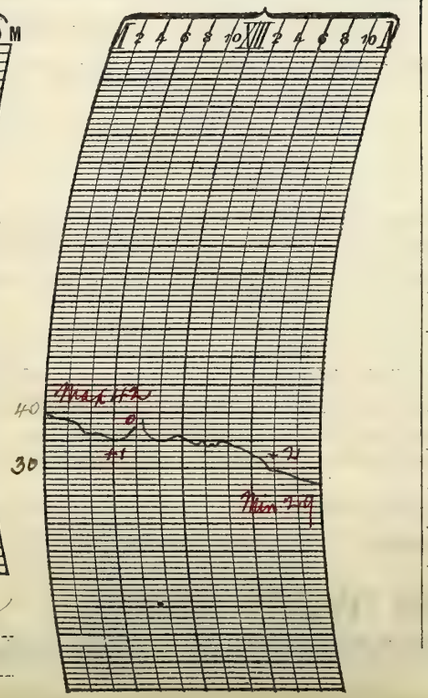
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy, cold, and unpleasant weather.

Prepared by H. S. Beyer
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	27	27	26	27	30	33	35	38	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)						0.82 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	N	NE	N	N	NE	NE	NE	NE	NE	NE
Wind movement	15	12	14	15	10	12	16	20	22	22	23	21
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	44	43	41	38	36	32	29	27	25	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.23 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	24	25	23	25	26	22	18	16	20	21	18	18
Maximum velocities (exceeding 29 miles) direction and time					30 NE 4:19							

Sunrise: Time, 5:11 Character, Clear

Moonrise: 3:56 AM

Sunset: Time, 6:27 Character, Clear

Moonset: 4:47 P.M.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	24	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 100

Prevailing wind direction, NE Total wind 458

Average hourly velocity, 19.1 Extreme velocity, 35

Maximum velocity, 30 Direction, NE

Time began, 4:19 p.m.

Reduced barometer, 30.56 7 a. m. 30.50 7 p. m.

River gage, 3.1 ft

Relative humidity, 74 7 a. m. 30 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

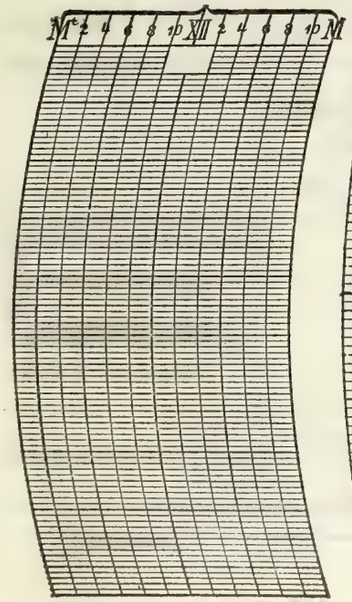
Dry temperature, 39.5 Wet temperature, 31.0

Dew-point, 15 R. humidity, 34 V. pressure, .081

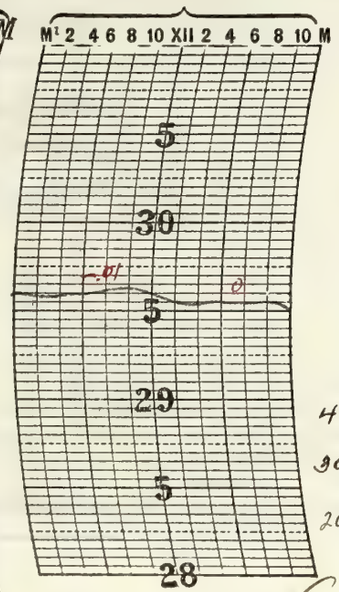
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

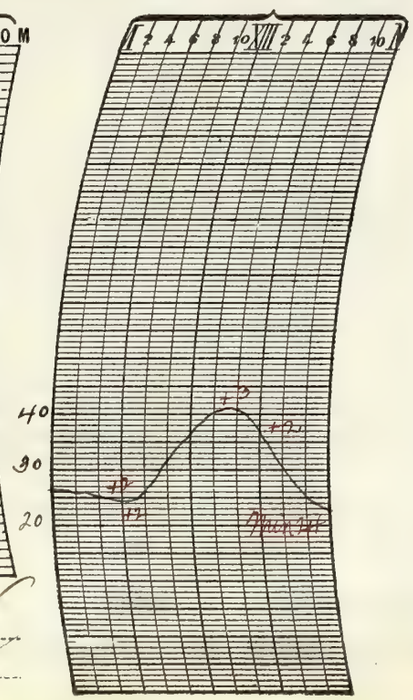
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold, Clear but decidedly unpleasant-Lovely

Prepared by H. S. Cook

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 1 0 1908, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	24	24	25	26	26	28	31	34	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy				Cloudy	
Sunrise: Time, 5:[illegible] Character, Cloudy; Moonrise: 4:28 am												
Sunshine (in tenths of hours)							0	0	0	0	0.9	0.8
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	17	17	17	18	20	19	23	25	23	25	26	23
Maximum velocities (exceeding 29 miles) direction and time											30 NE 10:40	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	40	39	38	34	34	34	34	34	33	33
State of weather: Nature of precipitation and time of beginning and ending		S-8 1:20	–	–	–	–	–	–	–	–	S-E RN	
Amounts of precipitation		T	T	T	T	T	T	T	T	T	T	
Cloudiness and other conditions				Cloudy								
Sunset: Time, 6:15 Character, Cloudy; Moonset: 6:04 p.m.												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	23	22	24	26	27	22	18	18	21	21	21	17
Maximum velocities (exceeding 29 miles) direction and time				30 NE 3:05	33 NE 4:24							

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	24	32	

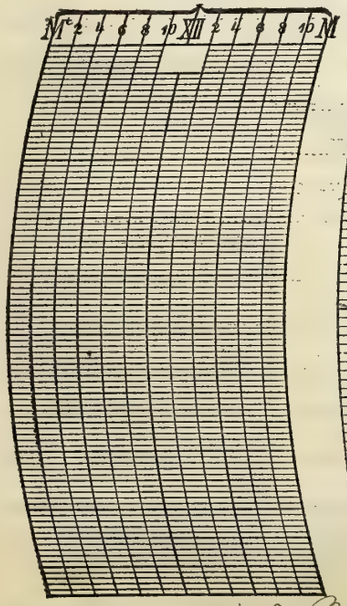
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, New Moon 24
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.1 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 13
Prevailing wind direction, NE Total wind 513
Average hourly velocity, 21.4 Extreme velocity, 37
Maximum velocity, 33 Direction, NE
Time began, 4:24 p.m.
Reduced barometer, 30.34 7 a. m. 30.22 7 p. m.
River gage, 8.1 ft
Relative humidity, 63 7 a. m. 95 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

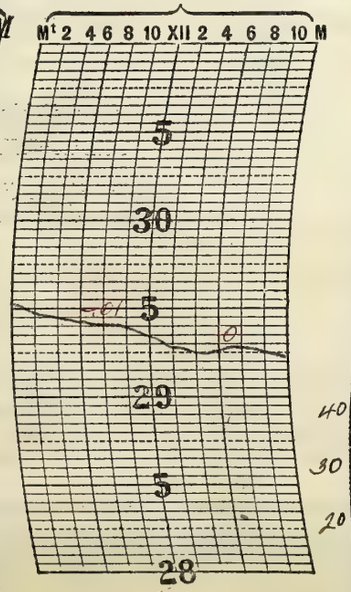
OBSERVATIONS AT ~~12 NOON~~, 12:38 P.M.
(Local Mean Time.)

Dry temperature, 35.4 Wet temperature, 31.3
Dew-point, 25 R. humidity, 63 V. pressure, .130
Clouds: Amount, 10; Kind, St.; Direction, NE
Velocity of clouds (miles per hour)

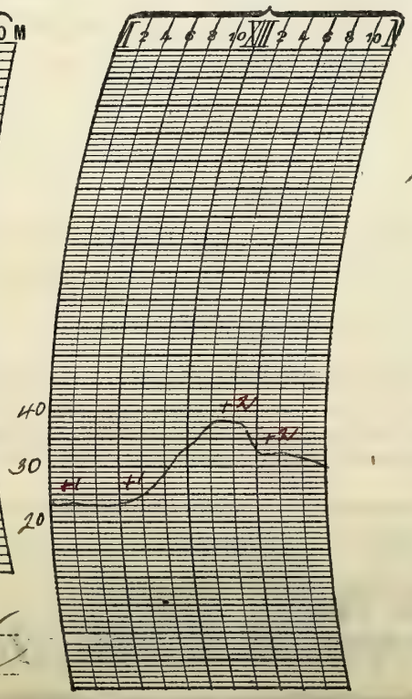
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Continued cold and unpleasant weather—Generally cloudy with snow flurries beginning 1.20 p.m. and ending during the late night. The snow melted as it fell.

Prepared by H. S. Baker
Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 1 1 1918, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	34	34	34	34	34	35	36	38	39	39
State of weather: Nature of precipitation and time of beginning and ending			RB 11 N	–	–	–	–	–	–	RE 9:45		
Amounts of precipitation			T	.01	T	T	T	T	T	T		
Cloudiness and other conditions										10		
Sunrise: Time, 5:08; Character, Cloudy												
Moonrise: 5:02 am												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	13	12	13	13	13	12	11	12	13	10	10
Maximum velocities (exceeding 28 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	36	36	36	36	36	36	36	36	35
State of weather: Nature of precipitation and time of beginning and ending	RB 12:25	–	–	–	–	–	RE 6:12					
Amounts of precipitation	.02	.02	.01	T	T	T	T					
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6:14; Character, Cloudy												
Moonset: 7:21 P.M.												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	13	13	14	12	12	10	10	11	9	8	6
Maximum velocities (exceeding 28 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

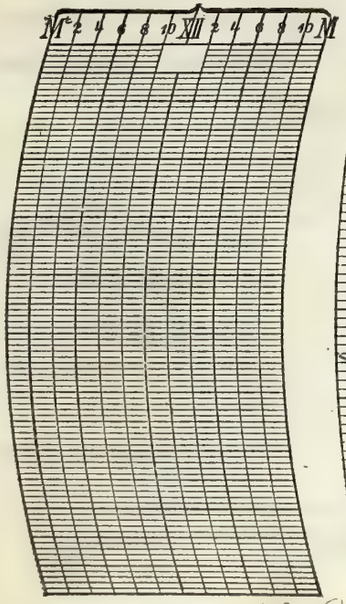
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	33	36	

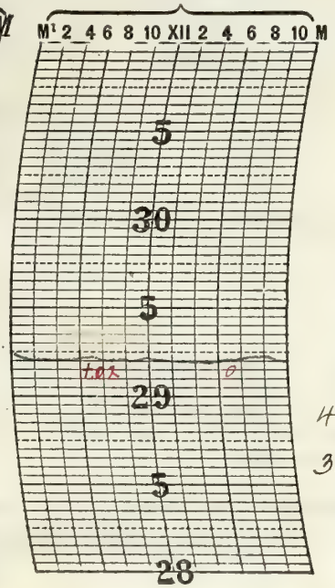
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to mid t, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 279
Average hourly velocity, 11.6 Extreme velocity, 18
Maximum velocity, 17 Direction, NE.
Time began, 12:42 p. m.
Reduced barometer, 30.13 7 a. m. 30.15 7 p. m.
River gage, 3.3 ft.
Relative humidity, 75 7 a. m. 88 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM
(Local Mean Time.)
Dry temperature, 38.1 Wet temperature, 36.1
Dew-point, 33 R. humidity, 83 V. pressure, .187
Clouds: Amount, 10; Kind, St Cu; Direction, N.E.
Velocity of clouds (miles per hour)

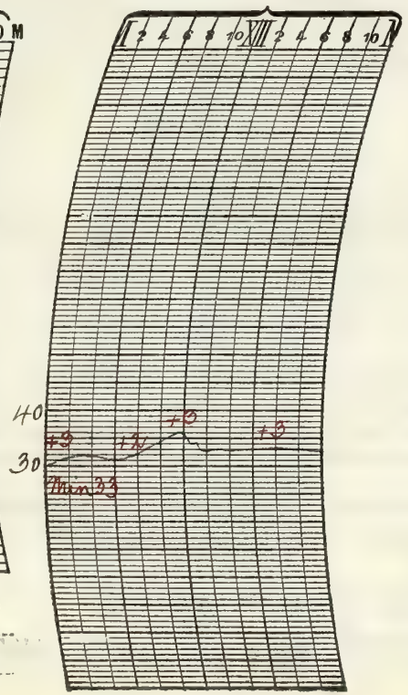
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold, cloudy, and unpleasant weather with light rain. Dense fog 6:00 am to 7:05 am; light fog from 7:05 am to 12:10 pm.

Prepared by H. S. Carter
Verified by J. M. Donnegan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 1 4 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	35	34	35	38	41	41	43	46	47	50	52	51	49	47	45	43	42	40	39	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy								Clear				Pt. Cloudy						Cloudy					

Sunrise: Time, 5:06 Character, Cloudy

Moonrise: 5:41 a.m.

Sunset: Time, 6:17 Character, Cloudy

Moonset: 8:36 p.m.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0	0					
Wind direction	NE	NE	N	N	N	N	N	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	E	E	E	SE	SE	SE
Wind movement	6	8	6	6	8	7	8	8	11	13	14	11	13	13	17	16	15	11	4	4	2	3	1	2
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	34	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.1 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 54

Prevailing wind direction, NE Total wind 216

Average hourly velocity, 7 Extreme velocity, 22

Maximum velocity, 21 Direction, NE

Time began, 2:54 p. m.

Reduced barometer, 30.14 7 a. m. 30.17 7 p. m.

River gage, 3.4 ft.

Relative humidity, 62 7 a. m. 45 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 P.M.
(Local Mean Time.)

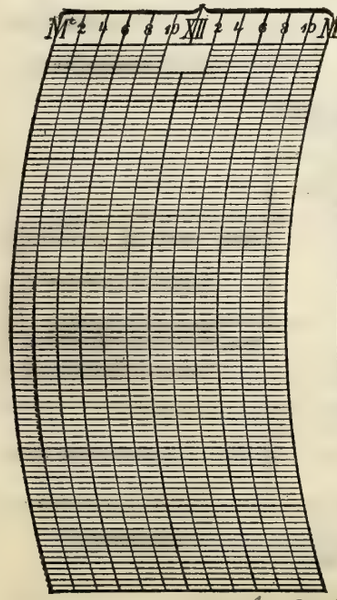
Dry temperature, 48.1 Wet temperature, 38.0

Dew-point, 23 R. humidity, 36 V. pressure, .118

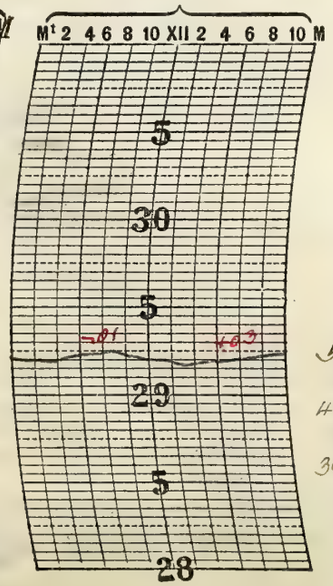
Clouds: Amount, 5; Kind, A Cu; Direction, NW

Velocity of clouds (miles per hour)

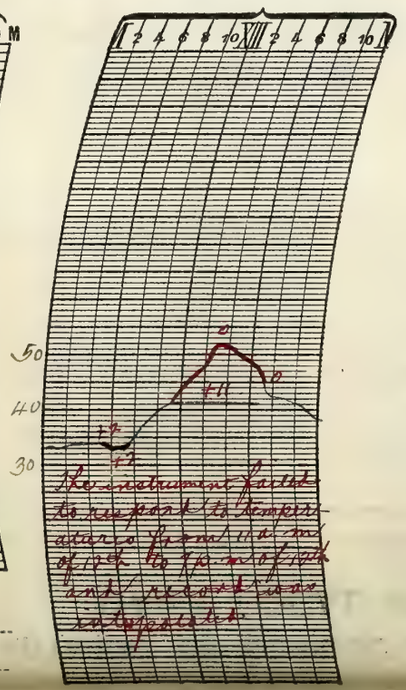
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool, but with slowly rising temperature - Generally partly Cloudy.

Prepared by H. S. Baker

Verified by F. McDonough

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 13 1919, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	36	35	34	33	36	38	50	52	54	55	59	62	62	63	63	63	61	59	55	53	50	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						0.92 6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0	0.30 0					
Wind direction	S	S	SW	SW	W	NW	NW	NW	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	N	N	NE	NE
Wind movement	3	2	6	6	5	6	5	5	8	11	10	11	12	11	11	8	8	7	3	3	3	3	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:05 Character, Clear
Moonrise: 6:27 AM
Sunset: Time, 6:18 Character, Clear
Moonset: 9:47 PM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

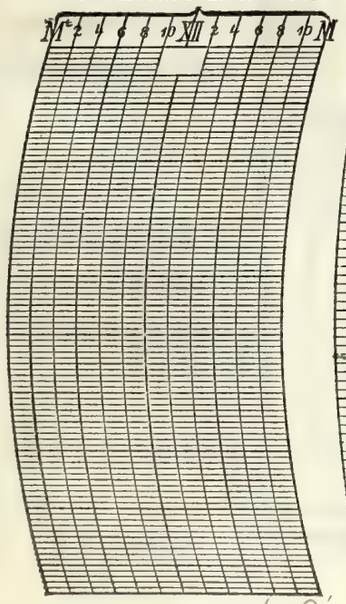
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	33	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 155
Average hourly velocity, 6.5 Extreme velocity, 19
Maximum velocity, 16 Direction, NE
Time began, 1:21 p. m.
Reduced barometer, 30.20 7 a. m. 30.13 7 p. m.
River gage, 3.5 ft.
Relative humidity, 73 7 a. m. 25 7 p. m.

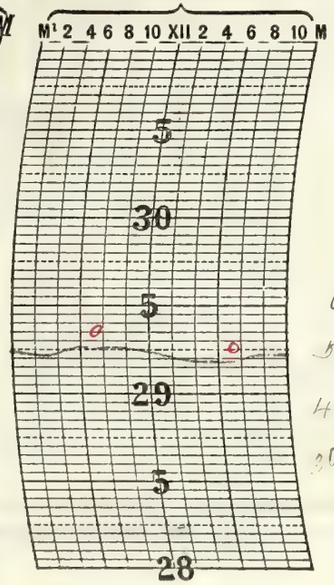
OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M.
(Local Mean Time.)

Dry temperature, 59.1 Wet temperature, 40.8
Dew-point, 8 R. humidity, 12 V. pressure, .057
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

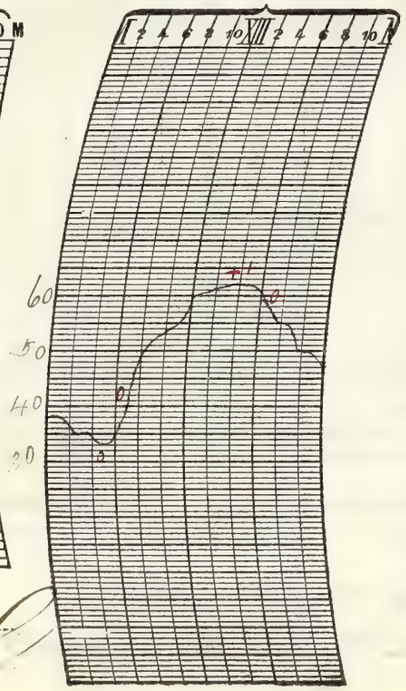
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mild temperature and pleasant weather.

Prepared by A. S. Baker
Verified by O. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 14 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	43	42	38	40	43	56	62	64	65	67	68	67	67	67	66	64	62	60	57	54	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						→	←	Pt Cloudy		→	←	Clear			
Sunrise: Time, 5:03 Character, Clear																					Sunset: Time, 6:19 Character, Cloudy			
Moonrise: 7:19 am																					Moonset: 10:49 pm			
Sunshine (in tenths of hours)						0.95 0	0.4 0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0					
Wind direction	NE	O	NE	NE	O	NE	N	N	SW	SW	NW	SW	SW	SW	SE	NE	SE	SE	E	E	E	E	SE	SE
Wind movement	4	0	1	1	0	1	3	4	7	5	3	5	6	4	4	4	2	2	5	3	2	3	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

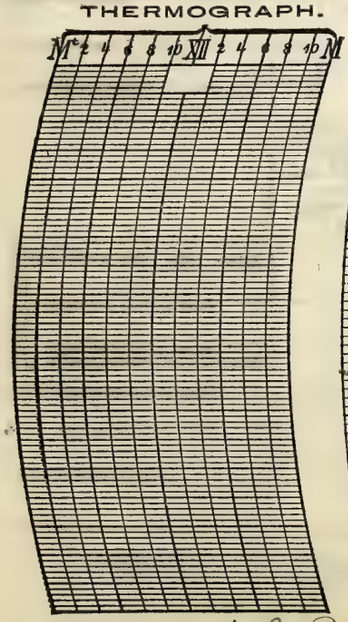
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	38	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 11.0 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 83
Prevailing wind direction, NE-SE-SW Total wind 76
Average hourly velocity, 3.2 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 12:38 p m
Reduced barometer, 30.15 7 a. m. 30.11 7 p. m.
River gage, 3.64
Relative humidity, 41 7 a. m. 21 7 p. m.

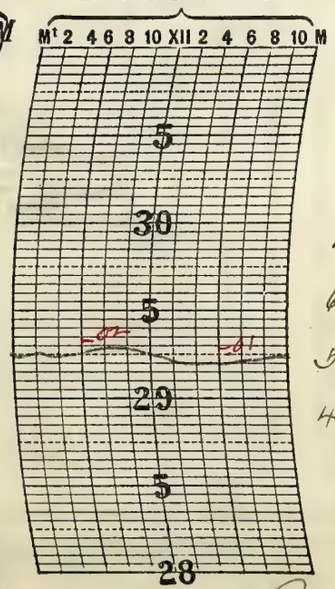
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 64.0 Wet temperature, 44.0
Dew-point, 13 R. humidity, 12 V. pressure, 0.74
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

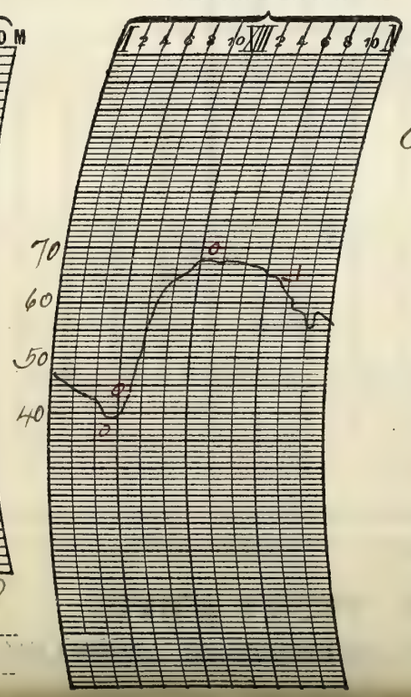
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mild temperature and quite pleasant weather.

Prepared by H. S. Baker

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 1 5 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	48	46	44	42	42	48	56	59	63	66	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			←				Clear					→
Sunshine (in tenths of hours)						0.97 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	3	1	3	3	5	5	6	5	5	7	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	71	70	70	69	[illegible]	64	64	62	61	58
State of weather: Nature of precipitation and time of beginning and ending											1	RB 11:00
Amounts of precipitation												.02
Cloudiness and other conditions			←	Pt. Cloudy			→	←	Cloudy			→
Sunshine (in tenths of hours)	1.0	4.0	[illegible]									
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	10	8	9	9	10	7	5	5	6	5	4	4

Sunrise: Time, 5:02; Character, Clear. Moonrise: 8:16 am

Sunset: Time, 6:20; Character, Cloudy. Moonset: 11:42 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

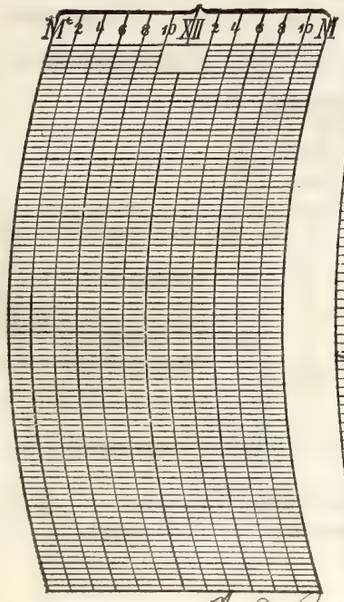
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	42	56	

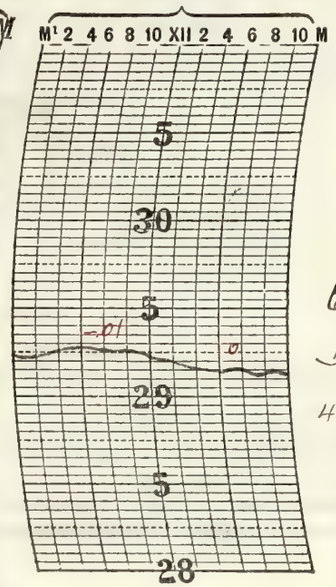
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 11.4 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 86
Prevailing wind direction, SE Total wind 142
Average hourly velocity, 5.9 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 1:28 p. m.
Reduced barometer, 30.17 7 a. m. 30.07 7 p. m.
River gage, 3.6 ft.
Relative humidity, 45 7 a. m. 33 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p m
(Local Mean Time.)
Dry temperature, 68.0 Wet temperature, 46.3
Dew-point, 15 R. humidity, 12 V. pressure, .08
Clouds: Amount, 4; Kind, Ci. St.; Direction, NW
Velocity of clouds (miles per hour)

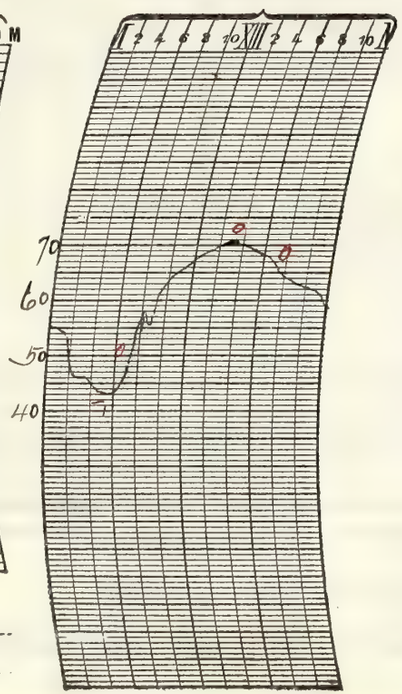
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the forenoon increasing cloudiness in the afternoon with rain late first night. Mild temperatures prevailed.

Prepared by F. S. Baker
Verified by E. M. Honeycutt

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 16 1918, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	55	57	57	[illegible]	59	60	63	65	68
State of weather: Nature of precipitation and time of beginning and ending		-	-	RE BR			RB 6:10 RE 6:30					
Amounts of precipitation	T	T	T	T			.01					
Cloudiness and other conditions	←				Cloudy					→		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	74	75	75	73	[illegible]	66	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending							RB 6:03 RE 6:05					
Amounts of precipitation							T					
Cloudiness and other conditions	Pt. Cloudy						(Clear)	Clear				

Sunrise: Time, 5:00; Character, Cloudy

Moonrise: 9:17 am.

Sunset: Time, 6:21; Character, Cloudy

Moonset: — —

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.1	0.2	0.2	0.3
Wind direction	E	E	E	E	SE	SE	S	S	S	S	SW	SW
Wind movement	5	7	7	5	8	8	7	7	7	8	9	10

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	0.9	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	S	SW
Wind movement	9	12	12	12	14	8	7	10	8	4	3	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 6.0 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 45

Prevailing wind direction, SW Total wind 192

Average hourly velocity, 8.0 Extreme velocity, 20

Maximum velocity, 18 Direction, SW.

Time began, 3:54 p.m.

Reduced barometer, 29.93 7 a. m. 29.81 7 p. m.

River gage, 3.6 ft.

Relative humidity, 71 7 a. m. 55 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M.
(Local Mean Time.)

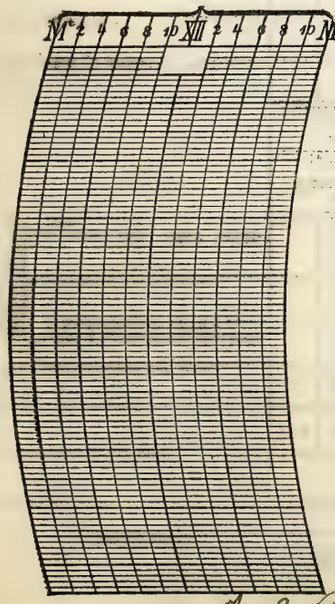
Dry temperature, 69.1 Wet temperature, 60.0

Dew-point, 54 R. humidity, 59 V. pressure, 41.7

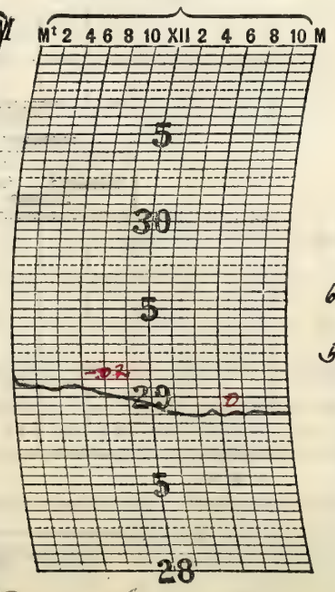
Clouds: Amount, 5; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

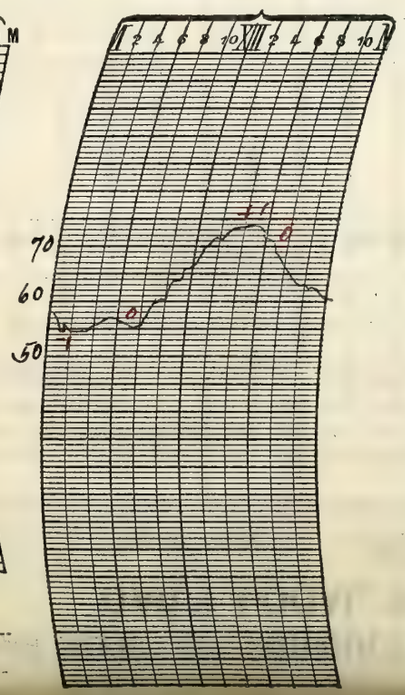
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally cloudy with light rain; quite warm during the day.

Prepared by F. S. Byer

Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 17 1918, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	57	56	56	56	56	52	52	52	53	54	55
State of weather: Nature of precipitation and time of beginning and ending	RB		RE			RB						
Amounts of precipitation	T	05	T				15		09	09	07	01
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	
Wind direction	W	NW	NW	NE	NE	E	E	E	E	E	E	E
Wind movement	3	8	4	4	5	6	5	10	11	14	16	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	64	62	62	61	59	57	54	52	50	49	47
State of weather: Nature of precipitation and time of beginning and ending	RE											
Amounts of precipitation	T											
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	* 0.2	* 0.4	* 0.4	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	15	28	25	21	22	21	21	19	18	20	17	17
Maximum velocities (exceeding 50 miles) direction and time		35 SW 1:15	32 W 2:13		30 SW 4:21							

Sunrise: Time, 4:58 Character, Cloudy
Moonrise: 10:20 am

Sunset: Time, 6:23 Character, Cloudy
Moonset: 12:27 am

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	47	55	✓

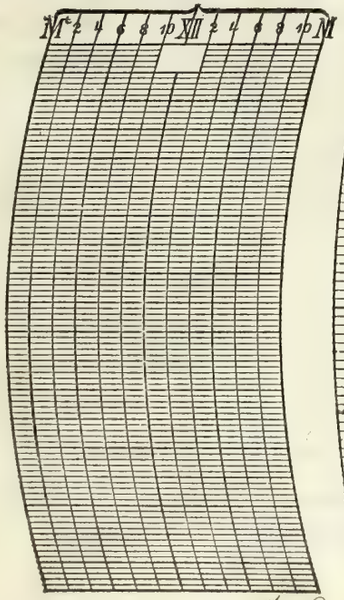
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .23 ins.; to 7 p. m., .34 ins.
Total precipitation, midnight to midnight, .57 inches.
Character of day, Cloudy Moon phase, First Quarter 10:08 pm
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.0 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 7
Prevailing wind direction, E-W Total wind 337
Average hourly velocity, 14.0 Extreme velocity, 38
Maximum velocity, 35 Direction, SW
Time began, 1:15 p. m.
Reduced barometer, 29.63 7 a. m. 29.55 7 p. m.
River gage, 3.4 ft.
Relative humidity, 97 7 a. m. 76 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

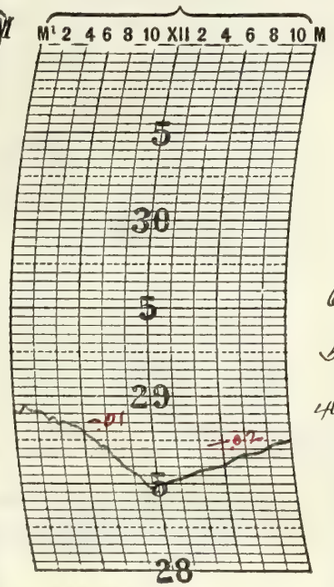
OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m. (Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 56.8
Dew-point, 56 R. humidity, 93 V. pressure, .44
Clouds: Amount, 10; Kind, St Cu; Direction, SW
Velocity of clouds (miles per hour)

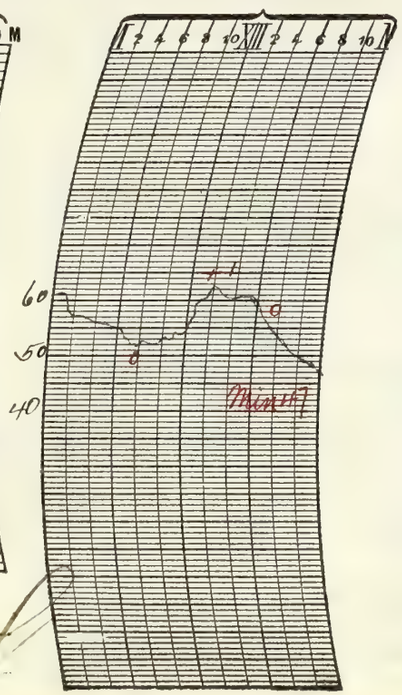
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Cloudy with rain during the forenoon.
Cooler, but with seasonal temperatures
A thunderstorm began at 12:45 am, and ended during the early morning.

Prepared by N. S. Campe
Verified by J. M. Sherman

8—486

Form No. 1014—Mot'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 1 8 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	42	43	47	51	54	56	58	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear				Pt. Cloudy	
Sunrise: Time, Character, 4:57 Clear												
Moonrise: — — —												
Sunshine (in tenths of hours)					.05	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	11	9	9	12	9	8	9	12	16	17	18	19
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	56	58	52	55	49	42	36	35	33	32	31
State of weather: Nature of precipitation and time of beginning and ending		RB 1:53	RE 2:25									
Amounts of precipitation		T	.01									
Cloudiness and other conditions			Cldy		Clear			Pt. Cldy				
Sunset: Time, Character, 6:23 Clear												
Moonset: 1:03 am												
Sunshine (in tenths of hours)	0.7	0.2	0.4	1.0	0.9	0.6	0.38					
Wind direction	W	W	NW	NW	NW	NW	W	N	NE	NE	NE	NE
Wind movement	18	17	17	16	14	14	15	14	13	12	12	14
Maximum velocities (exceeding 29 miles) direction and time			31 NW 2:12									

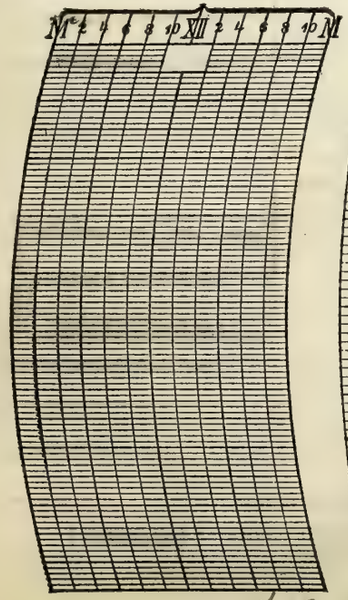
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	31		

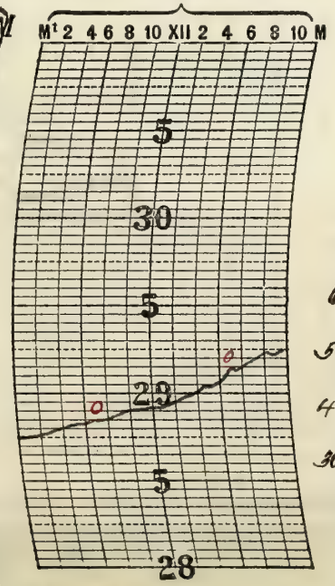
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.5 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 86
Prevailing wind direction, W Total wind 32.5
Average hourly velocity, 12.5 Extreme velocity, 31
Maximum velocity, 31 Direction, W
Time began, 2:12 p. m.
Reduced barometer, 29.78 7 a. m. 30.[illegible] 7, p. m.
River gage, 3.8 ft.
Relative humidity, 78 7 a. m. 83 7 p. m.

OBSERVATIONS AT ~~12~~ NOON. 10:38 a.m.
(Local Mean Time.)
Dry temperature, 60.2 Wet temperature, 49.0
Dew-point, 38 R. humidity, 43 V. pressure, .228
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

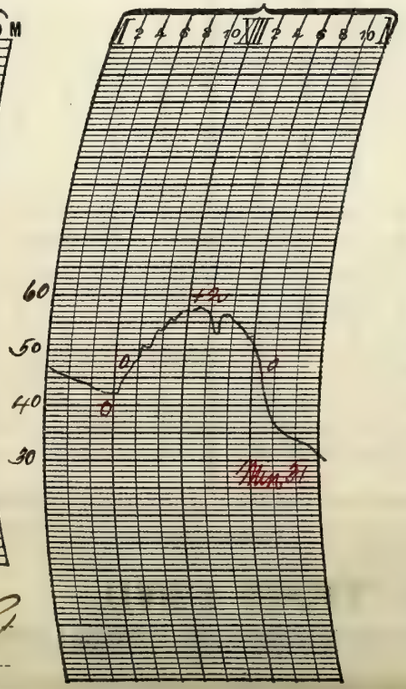
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy, moderate temperature during most of the day, but the weather became decidedly colder after 6 p.m.

A mild thunderstorm occurred between 1:45 p.m. and 1:50 p.m.

Prepared by J. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 1 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	28	28	27	27	26	29	30	31	32	32
State of weather: Nature of precipitation and time of beginning and ending												Snow
Amounts of precipitation												T
Cloudiness and other conditions										Cloudy		
Sunrise: Time, Character	4:56 Cloudy											
Moonrise	12:23 P.M.											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	14	14	14	12	15	14	14	16	19	19	21	19
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	35	36	36	[illegible]	[illegible]	36	35	34	33	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character									6:24 Cloudy			
Moonset									1:34 A.M.			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	21	22	21	21	23	21	15	19	17	18	18	19

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	27	32	

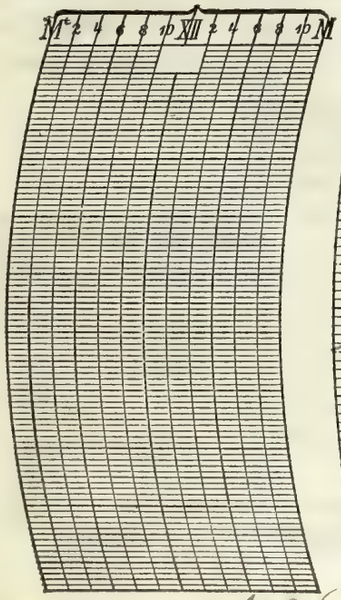
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0 Possible sunshine, hours, 13.5
Per cent of possible sunshine,
Prevailing wind direction, NE Total wind 426
Average hourly velocity, 17.8 Extreme velocity, 31
Maximum velocity, 26 Direction, NE
Time began, 11:48 a.m.
Reduced barometer, 30.32 7 a. m. 30.[illegible] 7 p. m.
River gage, 3.1 ft
Relative humidity, 80 7 a. m. 63 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

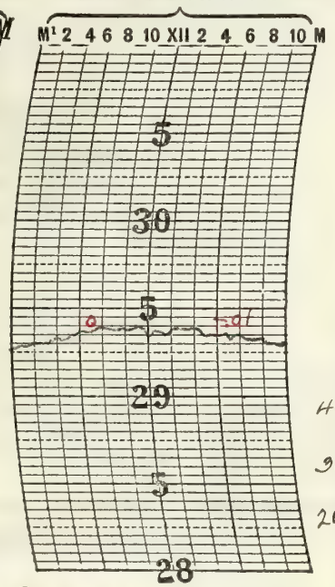
OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M.
(Local Mean Time.)

Dry temperature, 32.5 Wet temperature, 30.3
Dew-point, 27 R. humidity, 79 V. pressure, .143
Clouds: Amount, 6; Kind, Ci St.; Direction, E
Velocity of clouds (miles per hour)

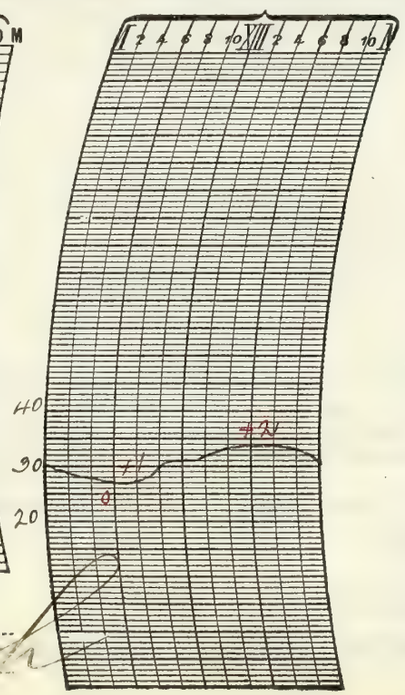
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A killing frost occurred in the a.m.; the minimum temperature reached 27°, and while there was some crop damage, vegetation was not far enough advanced to be seriously affected by the frost.

Cold and Cloudy.

Late advices indicate that Cherry blossoms were damaged to some extent.

Prepared by A. S. Baker

Verified by J. M. Dowrough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 20 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	33	33	34	35		38	42	44	45	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE
Wind movement	19	21	20	20	19	19	19	18	17	18	16	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	44	43	44	45	45	45	46	47	50	51
State of weather: Nature of precipitation and time of beginning and ending	RS 12:19	–	–	–	RE 4:25			RA 7:50	✓	–	–	–
Amounts of precipitation	–	T	.01	.02	T			T	.03	.17	.02	T
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE	E
Wind movement	17	15	12	14	12	10	10	10	11	9	6	7

Sunrise: Time, 5:54; Character, Cloudy. Moonrise: 1:23 PM.

Sunset: Time, 6:26; Character, Cloudy. Moonset: 2:02 AM.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

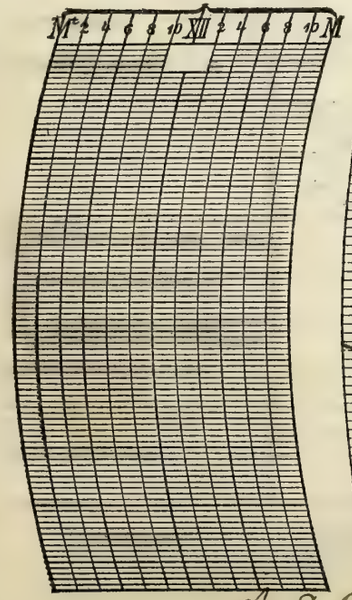
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	32		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 355
Average hourly velocity, 14 Extreme velocity, 27
Maximum velocity, 24 Direction, NE
Time began, 1:54 A M
Reduced barometer, 30.[illegible] 7 a. m. 29.73 7 p. m.
River gage,
Relative humidity, 73 7 a. m. [illegible] 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M. (Local Mean Time.)

Dry temperature, 47.2 Wet temperature, 45.7
Dew-point, 44 R. humidity, 89 V. pressure, .287
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



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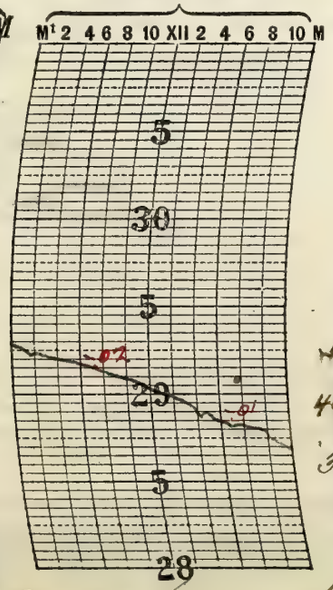

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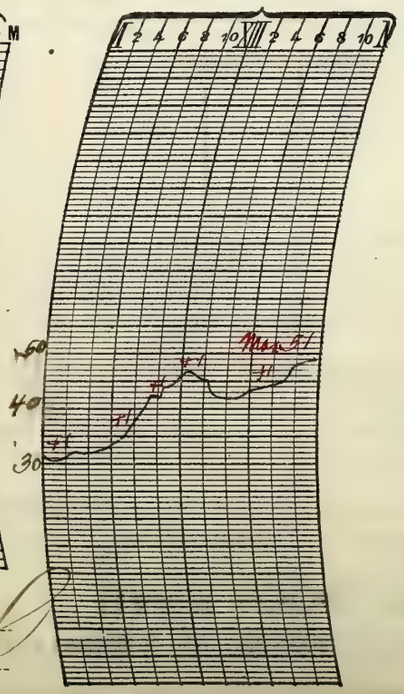


NOTES.

Killing frost. Temperature 32°
Chief Office called for a 10 am special observation.
Unpleasantly cool – Cloudy, with rain in the afternoon and night.

Prepared by J. S. Baker
Verified by J. McDonough

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 21 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	48	44	42	41	39	38	37	39	40	39
Nature of precipitation and time of beginning and ending	–	–	RE H.N.					RB 7:05	RE 8:5		RB 9:00 RE 10:20	
Amounts of precipitation	T		T					T	T		T	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	5:53 Cloudy											
Moonrise	2:21 P.M.											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	
Wind direction	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	8	17	18	19	19	19	17	19	19	20	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	41	39	38	37		35	36	37	37	37
Nature of precipitation and time of beginning and ending						RB	–	–	–	–	–	RE
Amounts of precipitation						T	.01	.02	.02	T	T	T
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									6:27 Cloudy			
Moonset									2:26 a.m.			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	20	22	22	18	16	17	17	18	21	17	19

State of weather.

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind 422

Average hourly velocity, 17.6 Extreme velocity, 32

Maximum velocity, 28 Direction, SW

Time began, 1:31 P.M.

Reduced barometer, 29.64 7 a. m. 29.66 7 p. m.

River gage, 3.0 ft

Relative humidity, 96 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 12:38 P.M.
(Local Mean Time.)

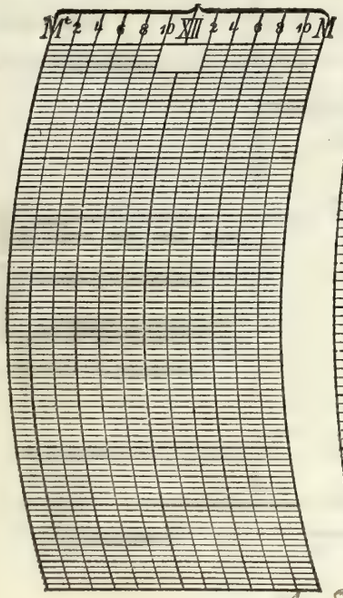
Dry temperature, 39.8 Wet temperature, 37.6

Dew-point, 34 R. humidity, 82 V. pressure, .195

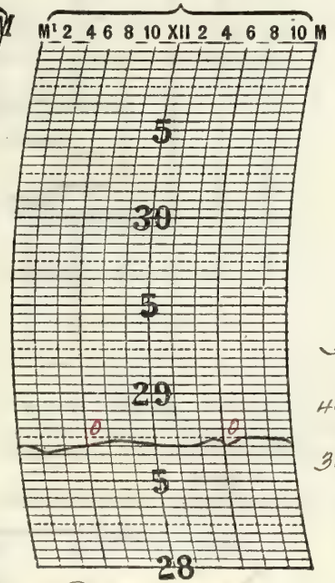
Clouds: Amount, 10; Kind, Strat; Direction, SW

Velocity of clouds (miles per hour)

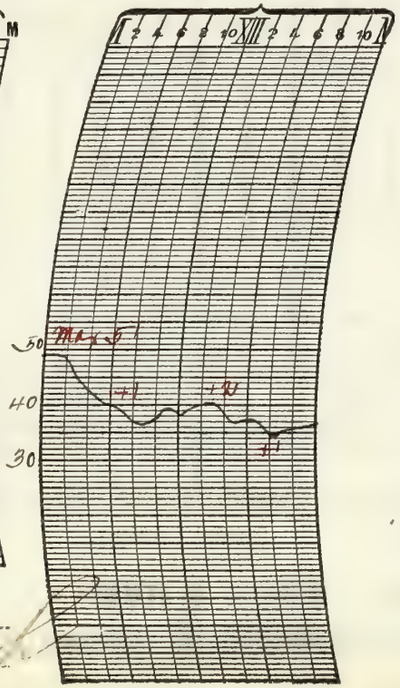
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold, Cloudy, and Showery - Very unpleasant.

Prepared by N. S. Parker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 2 2 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	39	39	38	40	42	46	48	52	55	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)					0.15	1.0	0.2	1.0	1.0			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	20	20	17	19	17	20	20	21	21	18	22	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	64	63	63	62	61	60	57	54	52	57	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly Cloudy							
Sunshine (in tenths of hours)	1.5	1.0	0.2	0.6	0.4	0	0					
Wind direction	SW	W	W	W			W	W	W	NW	NW	
Wind movement	24	23	23	21	20	16	16	11	10	7	7	13
Maximum velocities (exceeding 44 miles) direction and time	30 SW 12:23											

Sunrise: Time, 4:51 Character, Clear

Moonrise: 3:14 p.m.

Sunset: Time, 6:28 Character, Cloudy

Moonset: 2:50 a.m.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	37		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 11.1 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 8

Prevailing wind direction, SW Total wind 426

Average hourly velocity, 17.8 Extreme velocity, 34

Maximum velocity, 30 Direction, SW

Time began, 12:23 p.m.

Reduced barometer, 7 a. m. 7 p. m.

River gage, 3

Relative humidity, 76 7 a. m. 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.) 12:35 p.m.

Dry temperature, 61.3 Wet temperature, 51.8

Dew-point, 43 R. humidity, 52 V. pressure, 277

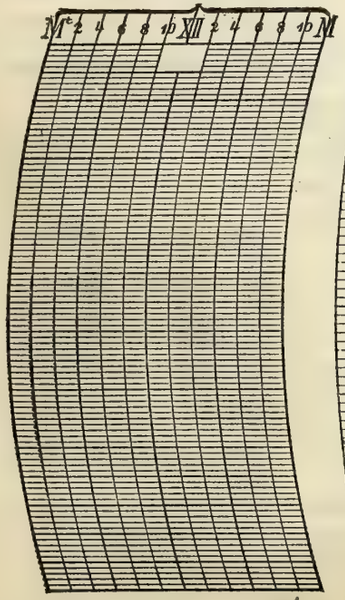
Clouds: Amount, 2; Kind, Cu St; Direction,

Velocity of clouds (miles per hour)

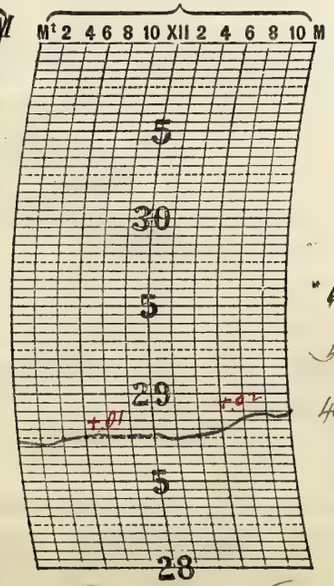
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

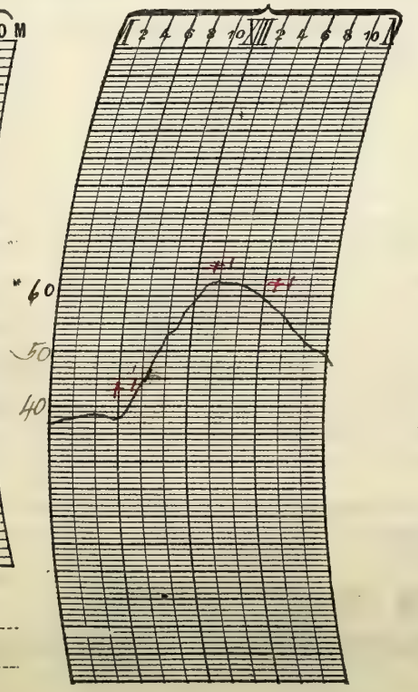
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon clear, but increasing cloudiness in the afternoon. Cool during the early hours of the day but comparatively mild temperature in the afternoon and night.

Prepared by W. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 2 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	45	44	44	43	[illegible]	48	52	54	55	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt. Cldy →			← Clear					→
Sunrise: Time, Character	4:50 Cloudy											
Moonrise	4:18 P.M.											
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	[illegible]	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	8	8	8	10	8	9	11	13	16	18	18
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	54	43	45	45	45	45	44	44	41	38	37
State of weather: Nature of precipitation and time of beginning and ending		R 1:52	R E 2:50		R H.O. R E 4:00							
Amounts of precipitation		T	.01		T							
Cloudiness and other conditions	→ Pt. Cldy			← Cloudy →			← Clear					
Sunset: Time, Character									6:29 Cloudy			
Moonset									3:14 A.M.			
Sunshine (in tenths of hours)	1.0	0.8	0	0.2	0	0.3	0					
Wind direction	SW	SW	NW	W	W	NW	NW	W	W	N	N	N
Wind movement	18	24	25	21	19	15	7	6	8	11	10	4
Maximum velocities (exceeding 29 miles) direction and time		34 SW 1:59										

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	37	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 7.4 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 54
Prevailing wind direction, SW Total wind 307
Average hourly velocity, 12.8 Extreme velocity, 39
Maximum velocity, 34 Direction, SW
Time began, 1:58 p.m.
Reduced barometer, 29.86 7 a. m. 29.96 7 p. m.
River gage, 2.9 ft.
Relative humidity, 73 7 a. m. [illegible] 7 p. m.

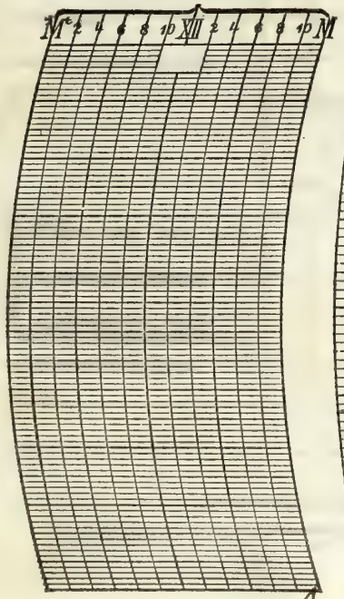
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

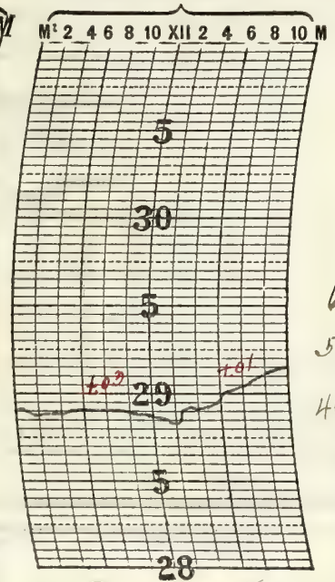
OBSERVATIONS AT ~~12 NOON~~ 2:35 P.M.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 47.1
Dew-point, 36 R. humidity, 47 V. pressure, .211
Clouds: Amount, 5; Kind, Cu; Direction, [illegible]
Velocity of clouds (miles per hour)

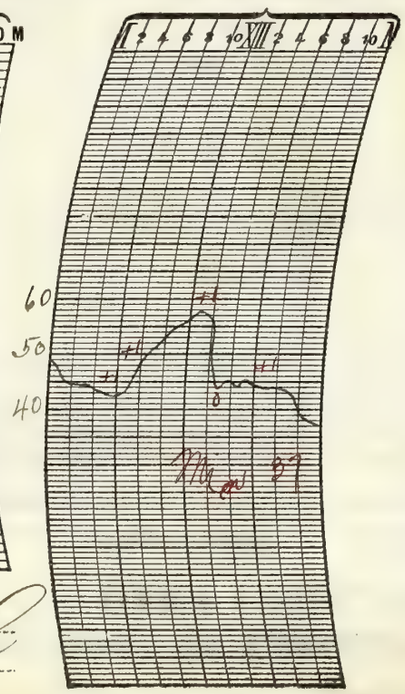
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and generally partly Cloudy, with showers in the Afternoon.
A mild thunderstorm occurred between 1.50 p.m. and 2.50 p.m. The storm came from the northwest and during its continuance the temperature fell from 59° to 43°.

Prepared by N. S. Berry
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 2 4 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	34	34	36	[illegible]	40	41	44	45	47	48	49	49	49	48	47	45	44	41	39	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear			Pt. Cloudy						Cloudy			Pt. Cloudy			Cloudy				
Sunshine (in tenths of hours)					0.2 0	1.0 0	0.2 0.5	0.0	1.0	1.0	1.0	1.0	[illegible]	* 0.7	* 0.4	* 0.7	0	0	0					
Wind direction	N	NE	NE	E	SE	SE	SE	E	E	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	5	4	5	2	3	3	3	4	7	6	6	5	5	5	5	7	7	7	6	9	5	7	8	6

Sunrise: Time, 4:48; Character, Clear. Moonrise: 5:17 P.M.

Sunset: Time, 6:30; Character, Cloudy. Moonset: 3:38 A.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	34	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy. Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 9.6 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 70

Prevailing wind direction, NE Total wind

Average hourly velocity, 5.4 Extreme velocity, 11

Maximum velocity, 11 Direction, NE

Time began, 6:57 P.M.

Reduced barometer, 30.19 7 a. m. 30.2 7, p. m.

River gage,

Relative humidity, 50 7 a. m. 52 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:38 P.M.
(Local Mean Time.)

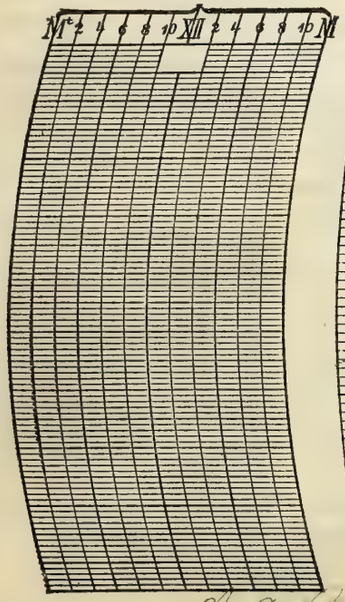
Dry temperature, 45.2 Wet temperature, 37.2

Dew-point, 26 R. humidity, 45 V. pressure, .136

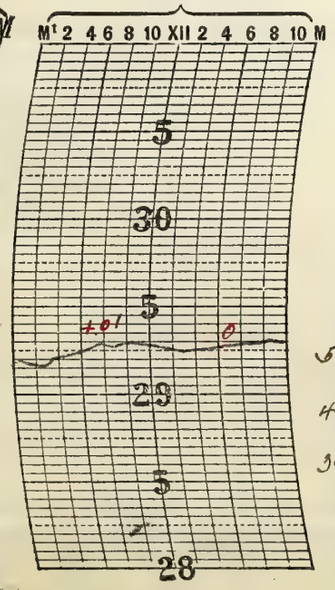
Clouds: Amount, 3; Kind, Ci St.; Direction, NW

Velocity of clouds (miles per hour)

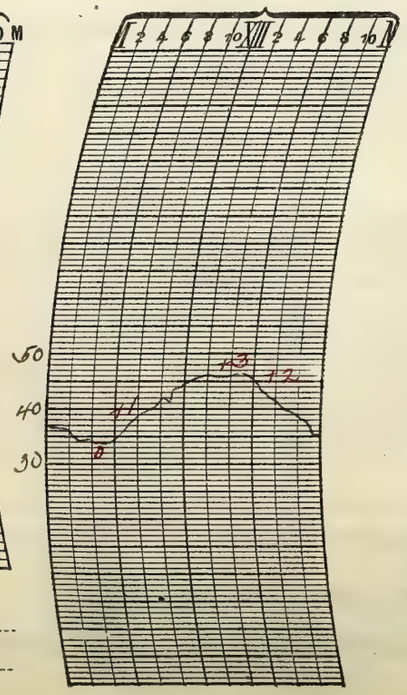
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds

NOTES.

Generally partly cloudy, cool, and unpleasant.

Prepared by U. S. Taylor

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 25 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	31	31	31	33	35	38	41	44	49	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				PC Cldy →			← Cloudy →					
Sunshine (in tenths of hours)					0	0	0	* 0.6	* 1.0	* 1.0	* 1.0	* 1.0
Wind direction	E	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	4	6	6	7	7	9	10	12	16	18	18	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	53	51	49	47	44	44	43	43	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	PC Cldy ←				← Cloudy →							
Sunshine (in tenths of hours)	1.0	0.8	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	NE	E	E	NE
Wind movement	19	16	19	19	18	18	17	16	17	18	16	16

Sunrise: Time, 4:47; Character, Cloudy. Moonrise: 6:16 P.M.

Sunset: Time, 6:31; Character, Cloudy. Moonset: 4:05 am

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

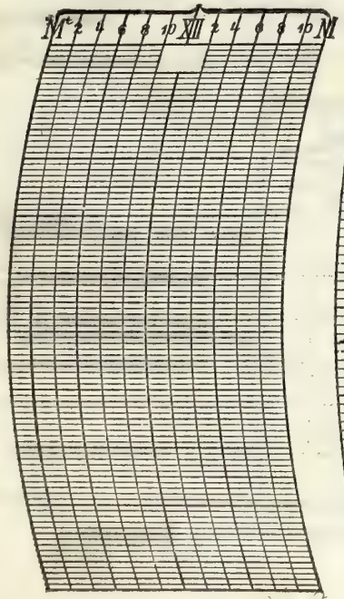
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	31	42	

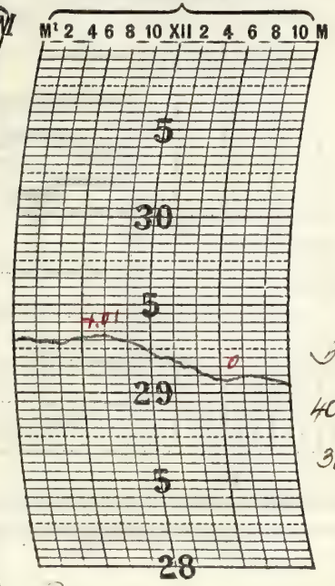
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.4 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 47
Prevailing wind direction, E Total wind 340
Average hourly velocity, 14.2 Extreme velocity, 29
Maximum velocity, 26 Direction, E
Time began, 2:08 p.m.
Reduced barometer, 30.24 7 a. m. 30.[illegible] 7 p. m.
River gage, 2.9 ft
Relative humidity, 70 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:38 P.M.
(Local Mean Time.)
Dry temperature, 50.0 Wet temperature, 40.0
Dew-point, 27 R. humidity, 39 V. pressure, .143
Clouds: Amount, 7; Kind, ASt; Direction, W
Velocity of clouds (miles per hour)

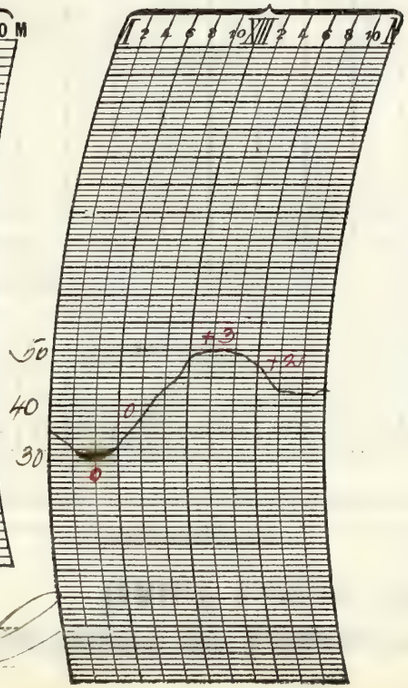
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Killing frost occurred in the early morning.
Cloudy, cold and unpleasant weather.

Prepared by H. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 26 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	43	41	40	[illegible]	42	44	46	50	51
State of weather: Nature of precipitation and time of beginning and ending					RB UN	–	–	–	–		RB 10:32	RB
Amounts of precipitation					T	14	.02	.05	.01	.02	T	.02
Cloudiness and other conditions												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	53	54	54		53	54	52	51	50
State of weather: Nature of precipitation and time of beginning and ending	RF											
Amounts of precipitation	T											
Cloudiness and other conditions												

Cloudy

Sunrise: Time, 4:45 Character, Cloudy

Moonrise: 7:17 P.M.

Sunset: Time, 6:32 Character, Cloudy

Moonset: 4:35 A.M.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	NE	E	E	NE	NE	NE	NE	E	E	E	E
Wind movement	15	16	15	14	9	9	11	11	12	12	11	7

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	NE	NE	E	E	E	E	E	NE	E
Wind movement	8	10	8	11	10	9	7	7	6	6	8	10

Maximum velocities (exceeding 20 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	40	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day, Cloudy. Moon phase, Full Moon 2:05 a.m.

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind 242

Average hourly velocity, 10 Extreme velocity, 20

Maximum velocity, 14 Direction, E

Time began, 12:45 a.m.

Reduced barometer, 29.93 7 a. m., 29.98 7 p. m.

River gage, 2.87

Relative humidity, 96 7 a. m. 91 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

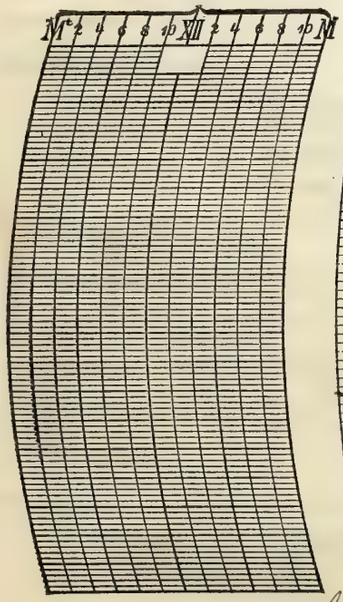
Dry temperature, 51.0 Wet temperature, 49.8

Dew-point, 49 R. humidity, 92 V. pressure, .347

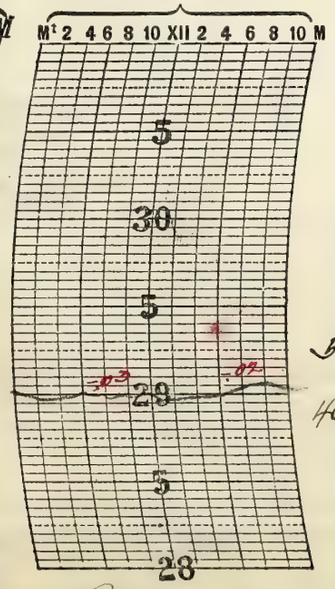
Clouds: Amount, 10; Kind, Strat; Direction, E

Velocity of clouds (miles per hour)

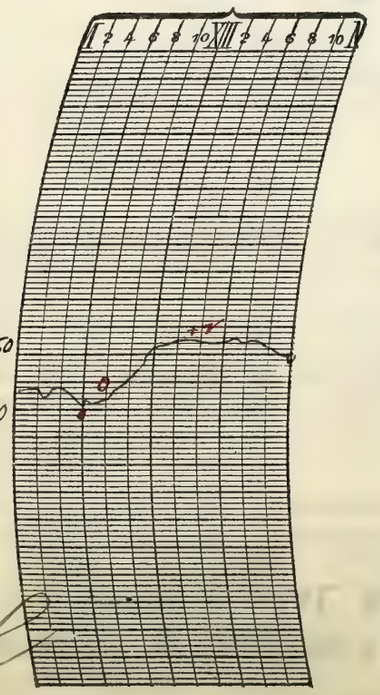
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Showers began in the early morning and continued during the forenoon. Continued cloudy, cool, and unpleasant weather.

Prepared by W. S. Baxter

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 27 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	48	48	48	[illegible]	49	51	53	55	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.6
Wind direction	E	SE	SE	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	5	4	6	3	5	5	4	5	7	6	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	59	59	60	60	59	58	58	58	58	57
State of weather: Nature of precipitation and time of beginning and ending						RR		RE				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.3	0	0	0	0	0	0					
Wind direction	SE	S	SE	SE	SE	S	SE	SE	SE	SE	SE	SE
Wind movement	9	9	8	7	5	6	4	5	5	5	4	5

Sunrise: Time, 4:44 Character, Cloudy
Moonrise: 8:18 P.m.

Sunset: Time, 6:33 Character, Cloudy
Moonset: 5:10 A.m.

Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	48	54	

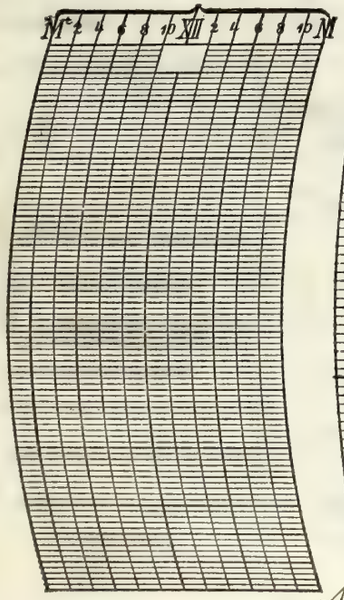
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0.9 Possible sunshine, hours, 13.3
Per cent of possible sunshine,
Prevailing wind direction, SE Total wind
Average hourly velocity, Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 12:21 p.m.
Reduced barometer, 30.6 7 a. m. 29.[illegible] 7 p. m.
River gage, 3.6
Relative humidity, 93 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

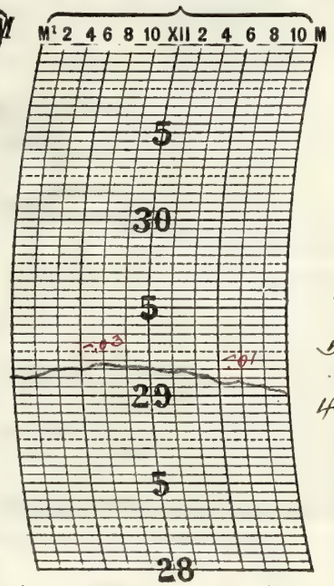
OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M.
(Local Mean Time.)

Dry temperature, 58.3 Wet temperature, 54.8
Dew-point, 52 R. humidity, 80 V. pressure, [illegible]
Clouds: Amount, 9; Kind, Stratus; Direction, S
Velocity of clouds (miles per hour)

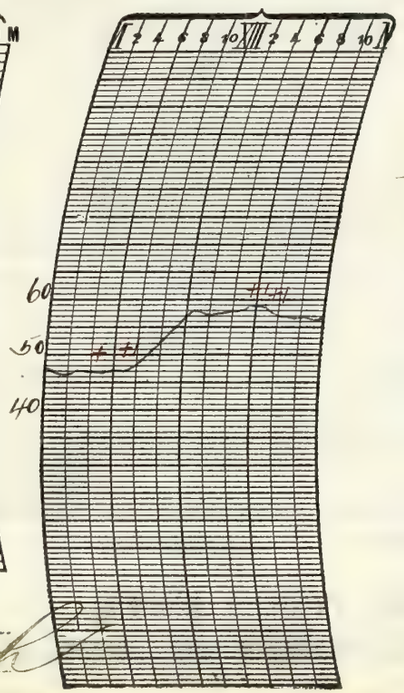
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sunshining through detached clouds.

NOTES.

Light fog began during the early morning and ended at 830 am. Moderate temperature. Weather generally cloudy with light rain in the early part of the night.

Prepared by A. S. [illegible]
Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 28 1918, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	58	57	57	56		58	59	61	60	59
State of weather: Nature of precipitation and time of beginning and ending				RB A.N	—	RL					RB	—
Amounts of precipitation				T	.02	T					T	.18
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	S	SE	SE	SE	S	S	SE	S
Wind movement	5	7	9	11	11	10	17	17	15	15	18	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	64	61	59	55	52		49	49	49	47	
State of weather: Nature of precipitation and time of beginning and ending		—	RL									
Amounts of precipitation	.13	T	.09									
Cloudiness and other conditions	Cloudy →											
Sunshine (in tenths of hours)	0	0	0	0.2 *	0	0	0					
Wind direction	SW	SW	SW	SW	W	W	W	W	W	SW	S	S
Wind movement	14	15	20	22	23	15	21	16	7	7	8	10
Maximum velocities (exceeding 29 miles) direction and time						30 SW 5:34						

Sunrise: Time, 4:43 Character, Cloudy
Moonrise: 9:15 P.M.
Sunset: Time, 6:34 Character, Cloudy
Moonset: 5:57 A.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

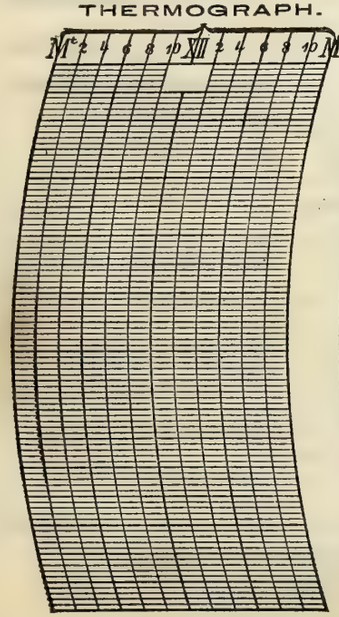
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	46	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 1
Prevailing wind direction, SE Total wind
Average hourly velocity, Extreme velocity, 34
Maximum velocity, 30 Direction, SW
Time began, 5:34 p.m.
Reduced barometer, 29.65 7 a. m. 29.75 7 p. m.
River gage, 3.4
Relative humidity, 7 a. m. p. m.

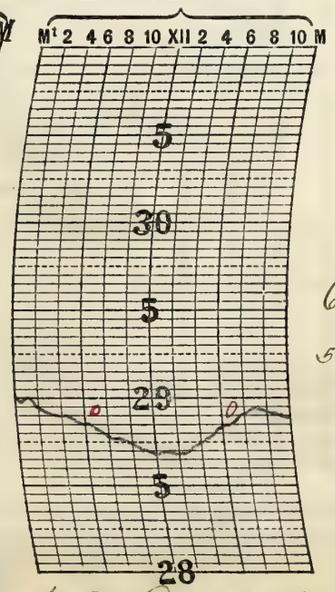
OBSERVATIONS AT ~~12 NOON.~~ 12:30 p.m.
(Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 58.7
Dew-point, 58 R. humidity, 97 V. pressure, .482
Clouds: Amount, 10; Kind, St; Direction,
Velocity of clouds (miles per hour)

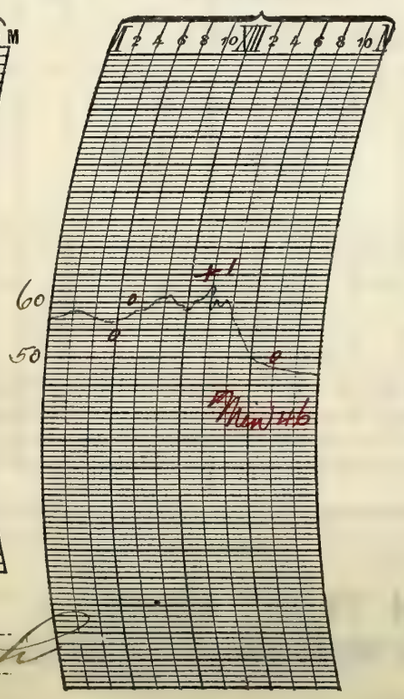
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached cloud

NOTES.

Moderate temperature, Cloudy
with Showers.

Prepared by F. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 29 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	48	49	5[illegible]	56	59	61	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cloudy											
Sunshine (in tenths of hours)					0.32	0.7	0.[illegible]	0.[illegible]	0.8	1.0	0.8	0.9
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	S[illegible]
Wind movement	11	13	15	16	16	19	23	24	28	36	38	33
Maximum velocities (exceeding 29 miles) direction and time								30 S 7:36	36 S 8:37	40 SW 9:20	49 SW 10:24	39 W 11:30

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	55	53	53	5[illegible]	51	5[illegible]	49	48	47	47	47
State of weather: Nature of precipitation and time of beginning and ending					RB 4:57	RE 5:20						
Amounts of precipitation					T	T						
Cloudiness and other conditions	→ Cloudy											
Sunshine (in tenths of hours)	1.0	0.5	0.2	0.2	0	0	0					
Wind direction	SW	W	SW	W	SW	W	W	W	W	W	SW	SW
Wind movement	29	34	30	27	26	20	22	18	18	15	13	13
Maximum velocities (exceeding 29 miles) direction and time	36 SW 12:14	43 SW 1:14	39 SW 2:15	34 SW 3:00	31 W 4:15							

Sunrise: Time, 4:41 Character, Clear
Moonrise: 10:09 P.M.
Sunset: Time, 6:35 Character, Cloudy
Moonset: 6:39 A.M.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	46	54	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 6 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 47
Prevailing wind direction, S Total wind 537
Average hourly velocity, 22.4 Extreme velocity, 59
Maximum velocity, 49 Direction, SW
Time began, 10:34 a.m.
Reduced barometer, 29.61 7 a. m. 29.76 7 p. m.
River gage, 4.44
Relative humidity, 63 7 a. m. 68 7 p. m.

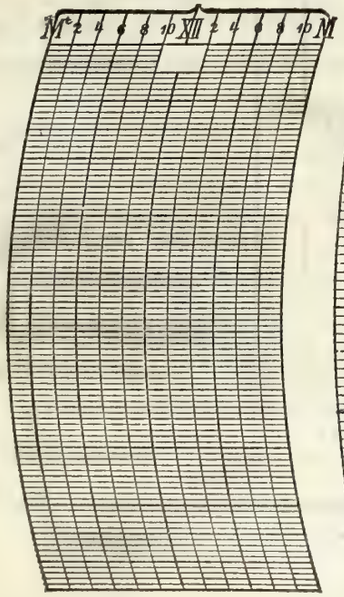
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

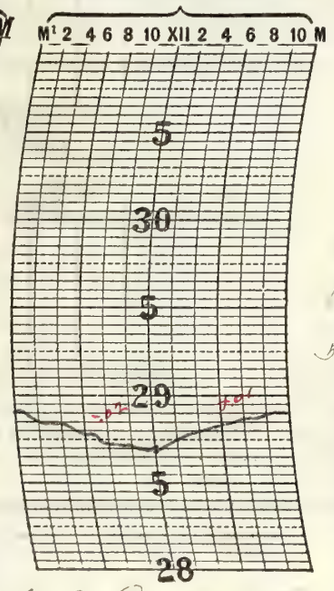
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M. (Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 49.0
Dew-point, 39 R. humidity, 47 V. pressure, .237
Clouds: Amount, 6; Kind, Cu; Direction, S.W.
Velocity of clouds (miles per hour)

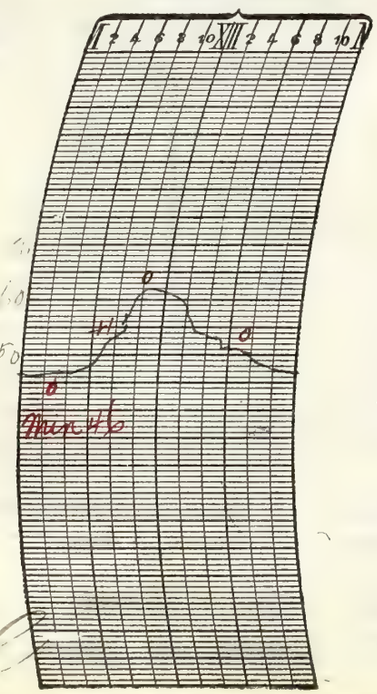
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The word "warning" was added to the a. m. telegraphic report. Central Office called for 10 am. Official observation. Pt. Cloudy to Cloudy weather with light showers in the afternoon. Continued low temperatures, with high southwest winds during the forenoon and afternoon.

Prepared by H. S. Byram
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 30 1918, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	43	43	43	44	45	45	45	47	48	47
State of weather: Nature of precipitation and time of beginning and ending											RB 10:50	RE 11:05
Amounts of precipitation											.4	.5
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character,	4:40 Clouds											
Moonrise:	10:58 am											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	W	SW	SW	SW	SW	W	W	SW	SW	SW	SW
Wind movement	12	11	9	9	8	8	8	10	9	11	11	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	44	43	43	42	41	39	37	36	35	34
State of weather: Nature of precipitation and time of beginning and ending	RB 1:15	RE RB 1:30				RE 5:25	RB 6:05	–	RE 8:45	✓		
Amounts of precipitation	.4	.7	.01	.01	.01	.4	.7	.02	.01			
Cloudiness and other conditions												
Sunset: Time, Character,									6:36 Cloudy			
Moonset:									7:34 am			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	W	SW	W	W	NW	NW	N	NW	NW	NW	NW	NW
Wind movement	13	12	14	11	11	12	12	13	13	12	10	10

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

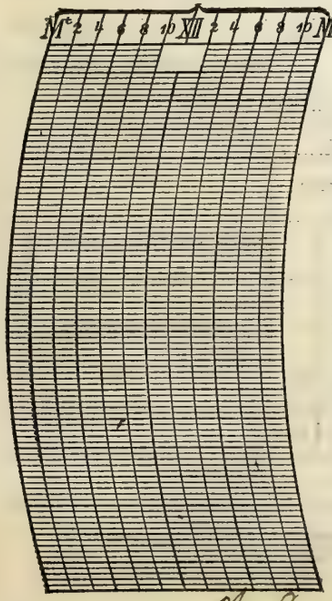
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	35	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 263
Average hourly velocity, 11 Extreme velocity,
Maximum velocity, 19 Direction, NW
Time began, 2:21 p.m.
Reduced barometer, 29.88 7 a. m. 30.04 7 p. m.
River gage,
Relative humidity, 82 7 a. m. 92 7 p. m.

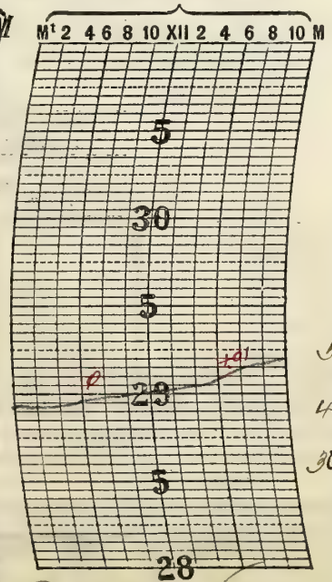
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 42.8 Wet temperature, 42.0
Dew-point, 41 R. humidity, 94 V. pressure, .256
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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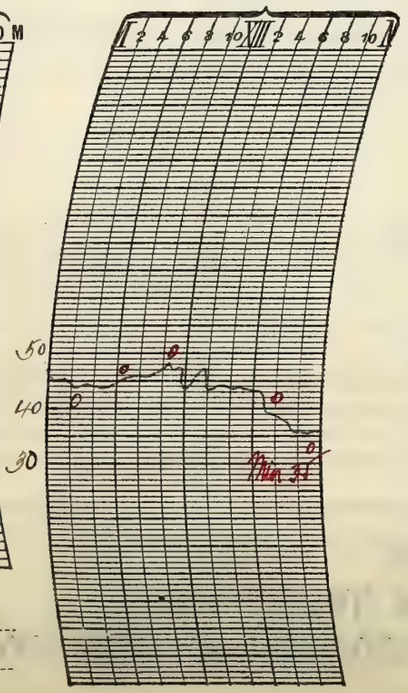


NOTES.

Cloudy, cold and unpleasant with light showers from 10.50 am to 8.45 pm

Prepared by H. S. Baker
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 1, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	37	38	37	36	[illegible]	42	45	46	47	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear →											
Sunshine (in tenths of hours)					0.35	0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	N	N	N	N	N	N	N	N	N	N	NW
Wind movement	11	13	12	13	11	9	11	10	10	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	54	55	56	55	54	53	50	48	47	46	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear →											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0.62					
Wind direction	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	11	10	9	8	8	8	6	7	7	7	9	9

Sunrise: Time, 4:39; Character, Clear

Moonrise: 11:40 P.M.

Sunset: Time, 6:37; Character, Clear

Moonset: 8:34 A.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	35	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 14.0 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 100

Prevailing wind direction, N Total wind 229

Average hourly velocity, 9.5 Extreme velocity, 15

Maximum velocity, 14 Direction, NW

Time began, 1:53 a. m.

Reduced barometer, 30.36 7 a. m. 30.37 7 p. m.

River gage, [illegible]

Relative humidity, 66 7 a. m. 44 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

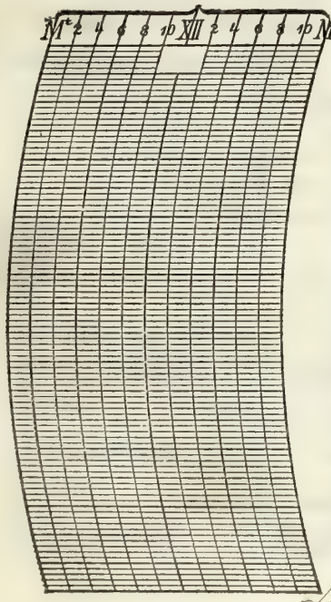
Dry temperature, 51.0 Wet temperature, 41.0

Dew-point, 28 R. humidity, 40 V. pressure, .150

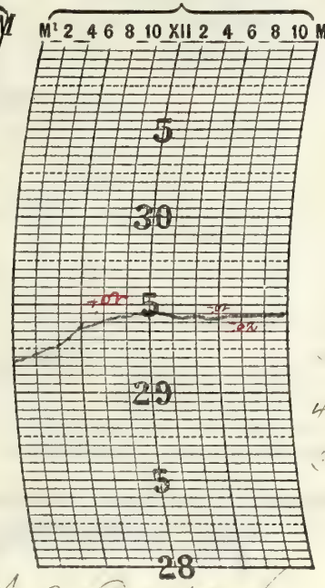
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

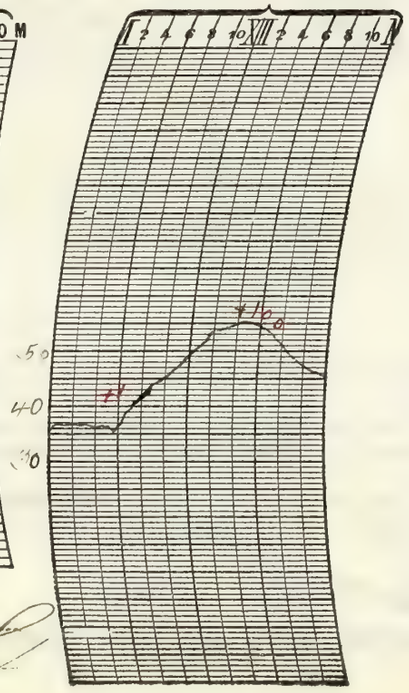
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool, clear weather.

Prepared by J. S. Parker

Verified by F. M. Dwyer

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 2, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	41	42	48	54	58	61	64	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					0.38 0	1.0	1.0 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	10	11	12	12	12	16	20	20	24	23
Maximum velocities (exceeding 30 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	69	69	68	66	62	60	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.63 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	26	27	26	26	24	18	13	12	11	12	11	12
Maximum velocities (exceeding 30 miles) direction and time	33 SW 12:31	33 SW 1:01		30 SW 3:14	30 SW 4:01							

Sunrise: Time, 4:37 Character, Clear
Moonrise: —

Sunset: Time, 6:38 Character, Clear
Moonset: 9:41 am

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	41		

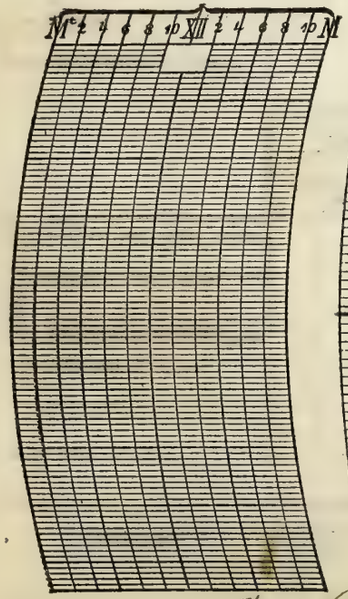
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground — p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 14.0 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 397
Average hourly velocity, 16.5 Extreme velocity, 35
Maximum velocity, 33 Direction, SW
Time began, 1:01 p. m.
Reduced barometer, 30.11 7 a. m. 30.23, p. m.
River gage,
Relative humidity, 65 7 a. m. 49 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

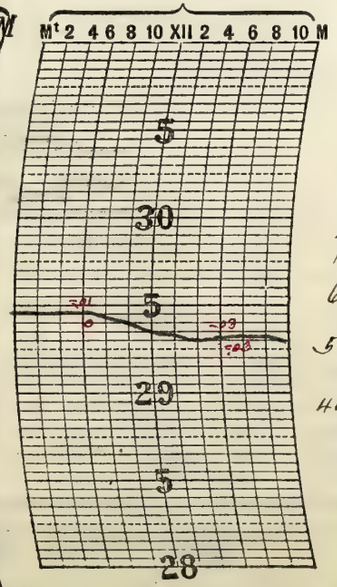
OBSERVATIONS AT ~~12 NOON~~ 2:38 P.M.
(Local Mean Time.)

Dry temperature, 65.2 Wet temperature, 51.0
Dew-point, 37 R. humidity, 35 V. pressure, .219
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

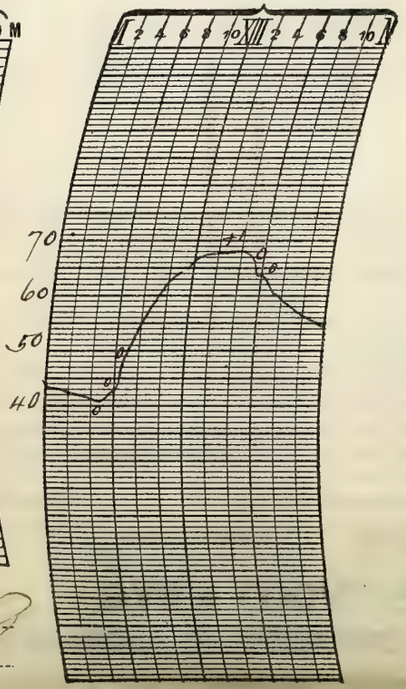
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear with pleasant temperature.

Prepared by J. J. Barr

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 3, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	50	50	52	55	6.	67	71	73	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy				Pt. Cloudy				
Sunshine (in tenths of hours)					0	0	0	0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	11	12	10	10	11	13	12	13	15	16	17	19
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	80	80	78	75	70	68	67	66	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear				Pt. Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	23	25	26	27	27	20	16	16	18	18	18	19
Maximum velocities (exceeding ___ miles) direction and time			32 W 2:57	33 SW 3:57	32 SW 4:0							

Sunrise: Time, 4:36; Character, Cloudy

Moonrise: 12:19 a.m.

Sunset: Time, 6:39; Character, Cloudy

Moonset: — —

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive begin.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	50	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last quarter 4:26 p.m.

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.3 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 74

Prevailing wind direction, SW. Total wind 412

Average hourly velocity, 17.2 Extreme velocity, 38

Maximum velocity, 33 Direction, SW

Time began, 3:57 p.m.

Reduced barometer, 30.16 7 a. m., 29.97 7 p. m.

River gage, 3.

Relative humidity, 61 7 a. m. 35 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M. (Local Mean Time.)

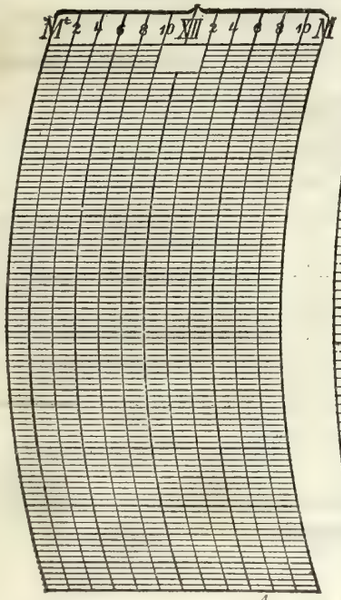
Dry temperature, 75.5 Wet temperature, 58.5

Dew-point, 46 R. humidity, 34 V. pressure, 310

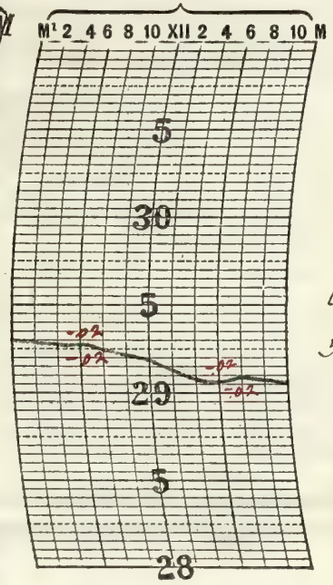
Clouds: Amount, 1; Kind, Ci St; Direction, W

Velocity of clouds (miles per hour)

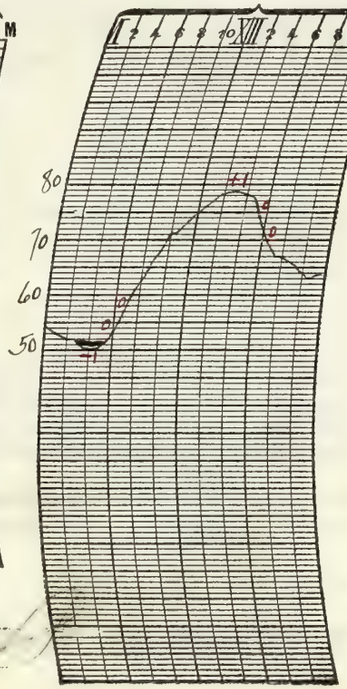
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and pleasantly warm weather.

Prepared by H. S. Gray

Verified by J. M. Dinsmore

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) July 4, 191

Time (local standard), 7th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	61	59	58	59	63	66	65	68	71	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy				Pt. Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.9	0.6	0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	19	19	16	14	15	14	14	17	15	14	11	12
Maximum velocities (exceeding ___ miles) direction and time												
Excessive precipitation, accumulated amounts												

Sunrise: Time, 4:35; Character, Cloudy. Moonrise: 12:52 am.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	83	83	81	78	75	72	70	68	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy				Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0.67					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	17	18	18	15	12	11	12	14	13	14
Maximum velocities (exceeding ___ miles) direction and time												
Excessive precipitation, accumulated amounts												

Sunset: Time, 6:40; Character, Clear. Moonset: - - -

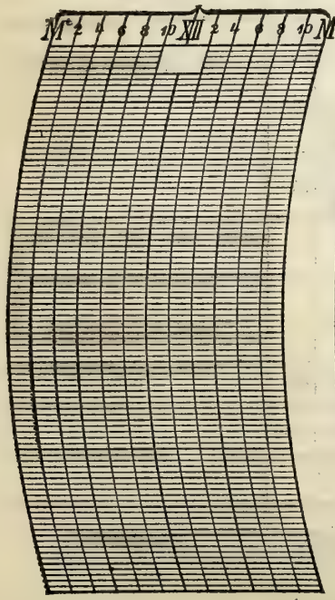
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	57		

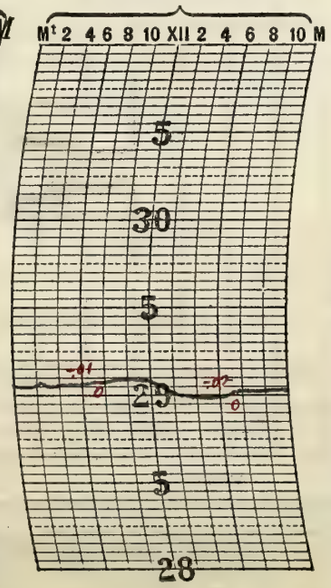
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground ___ p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy; Moon phase, ___
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.3; Possible sunshine, hours, 14.1
Per cent of possible sunshine, 72
Prevailing wind direction, SW; Total wind 352
Average hourly velocity, 14.7; Extreme velocity, 28
Maximum velocity, 25; Direction, SW
Time began, 4:13 p. m.
Reduced barometer, 30.00 7 a. m. 29.93 7 p. m.
River gage, 3.45
Relative humidity, 62 7 a. m. ___ 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 76.5; Wet temperature, 60.0
Dew-point, 48; R. humidity, 37; V. pressure, 334
Clouds: Amount, 4; Kind, cirr; Direction, NW
Velocity of clouds (miles per hour)

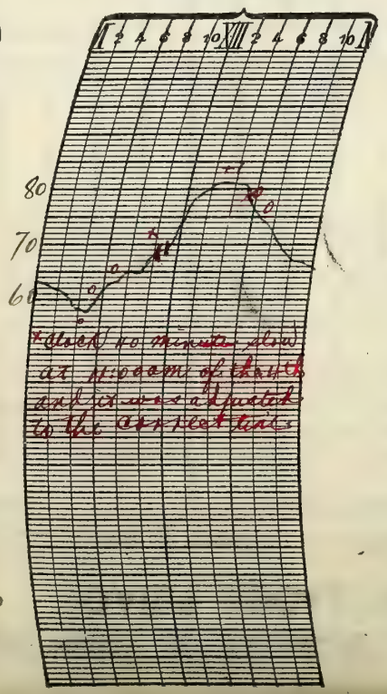
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Clock 10 minutes slow at noon of March and was adjusted to the correct time.

NOTES.

Generally partly cloudy weather and moderately high temperatures.

Prepared by H. S. Baxter

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 5, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	59	57	60	65	70	75	77	78	80	81	82	82	81	78	76	75	73	71	69	69	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←					Clear								→	Pt. cldy	→	Cloudy				
Sunshine (in tenths of hours)					0.45 0	0.7 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	11	10	10	12	13	11	13	13	16	16	18	17	18	19	16	10	8	8	7	8	10	9
Maximum velocities (exceeding 50 miles) direction and time																								

Sunrise: Time, 4:53; Character, Clear

Moonrise: 1:23 am

Sunset: Time, 6:41; Character, Cloudy

Moonset: 4 h. p.m.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear; Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 12.4; Possible sunshine, hours, 14.1

Per cent of possible sunshine, 88

Prevailing wind direction, SW; Total wind 299

Average hourly velocity, 12.5; Extreme velocity, 25

Maximum velocity, 23; Direction, SW

Time began, 1:18 p.m.

Reduced barometer, 29.99 7 a. m. 29.97 7 p. m.

River gage, 3.3 ft.

Relative humidity, 57 7 a. m. 48 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

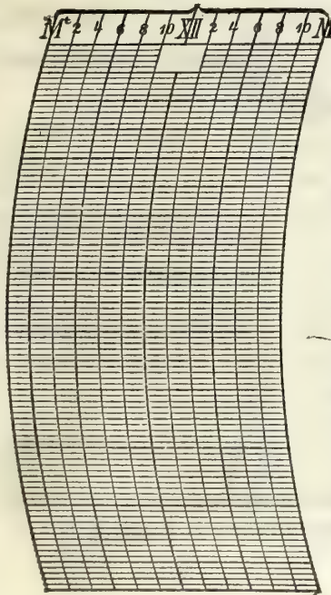
Dry temperature, 80.0; Wet temperature, 63.0

Dew-point, 52; R. humidity, 38; V. pressure, .387

Clouds: Amount, 2; Kind, Ci; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



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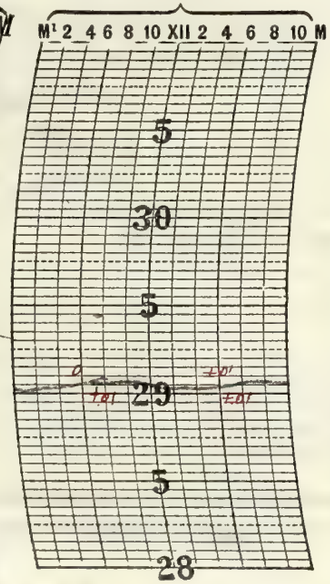
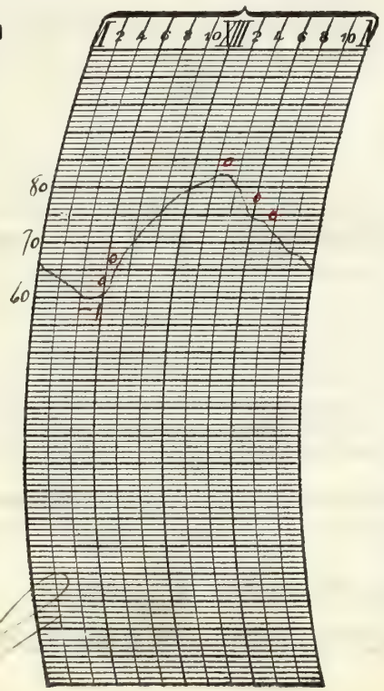


THERMOGRAPH.



NOTES.

Forenoon Clear but increasing Cloudiness in the afternoon. Moderately high temperatures

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 6, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	63	[illegible]	60	66	71	75	77	74	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy						Pt. Cloudy					
Sunrise: Time, Character,	4:37 Clear											
Moonrise:	1:53 AM											
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	0.7
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	6	7	8	7	10	12	16	21	25	19
Maximum velocities (exceeding ... miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	77	78	77	75	7[illegible]	72	68	65	6[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending								R 7:40	–	–	–	–
Amounts of precipitation								T	T	.03	.09	.22
Cloudiness and other conditions	Cloudy				Pt. Cloudy			Cloudy				
Sunset: Time, Character,									6:42 Clear			
Moonset:									2:25 PM			
Sunshine (in tenths of hours)	0.6	1.0	0.8	1.0	1.0	0.2	0					
Wind direction	SW	SW	S	S	E	E	S	S	S	S	W	SW
Wind movement	17	21	20	23	21	19	14	14	20	17	19	10
Maximum velocities (exceeding ... miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

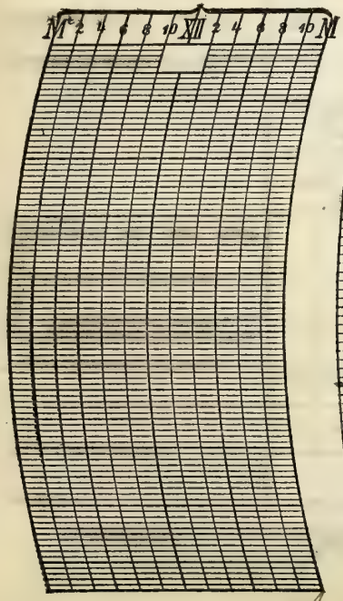
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 34 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 6 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 42
Prevailing wind direction, SW Total wind 326
Average hourly velocity, 15.0 Extreme velocity, 31
Maximum velocity, 28 Direction, SW
Time began, 10:15 a. m.
Reduced barometer, 30.[illegible] 7 a. m. 30.[illegible] 7 p. m.
River gage, 3.26
Relative humidity, 69 7 a. m. – 7 p. m.

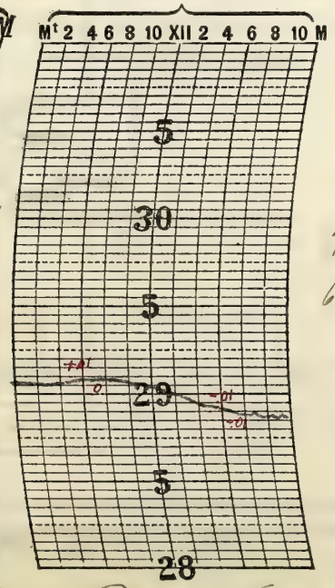
OBSERVATIONS AT ~~12 NOON.~~ 10:38 P.M.
(Local Mean Time.)

Dry temperature, 73.5 Wet temperature, 60.0
Dew-point, 51 R. humidity, 45 V. pressure, .272
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

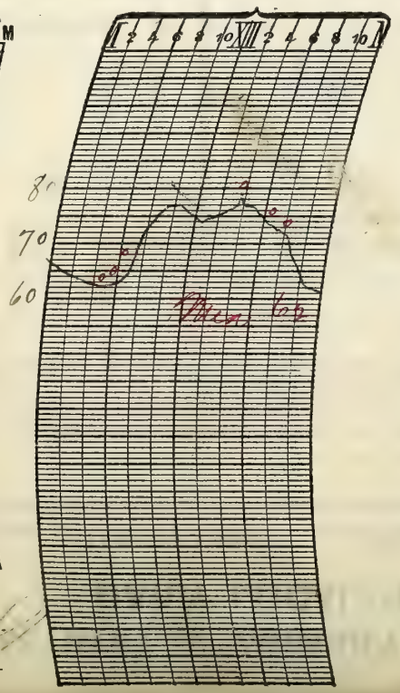
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy and moderately warm with rain beginning at 7:40 P.M.

Prepared by J. S. Baker
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 7, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	65	65	66	66	66	66	70	73	74	76	77
Nature of precipitation and time of beginning and ending		RE 1:00				RB 5:21	RE 6:01					
Amounts of precipitation	.01	T				.01	T					
Cloudiness and other conditions	← Cloudy →							← Pt. Cloudy →				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	78	77	73	69	64	62	61	60	59	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy →					← Pt. Cloudy →						

Sunrise: Time, 4:31; Character, Cloudy

Moonrise: 2:24 AM

Sunset: Time, 6:44; Character, Cloudy

Moonset: 3:37 PM

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.4	0.4	0.7	0.7	1.6
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	20	17	15	17	14	14	18	19	24	25	26
Maximum velocities (exceeding 24 miles) direction and time											30 S 10:23	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.3	0	0					
Wind direction	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	28	25	24	20	16	13	12	8	6	5	5	6
Maximum velocities (exceeding 24 miles) direction and time	32 W 12:51	31 SW 1:10										

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	78	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .36 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.3 Possible sunshine, hours, 14.2

Per cent of possible sunshine,

Prevailing wind direction, SW Total wind 392

Average hourly velocity, 16.3 Extreme velocity, 34

Maximum velocity, 32 Direction, W

Time began, 12:51 PM

Reduced barometer, 29.[illegible] 7 a. m. 29.8[illegible] 7 p. m.

River gage, 3.9[illegible]

Relative humidity, 88 7 a. m. 77 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 PM
(Local Mean Time.)

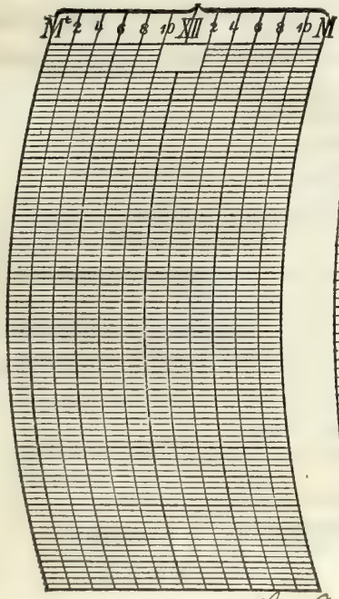
Dry temperature, 76.2 Wet temperature, 66.0

Dew-point, 61 R. humidity, 58 V. pressure, .36

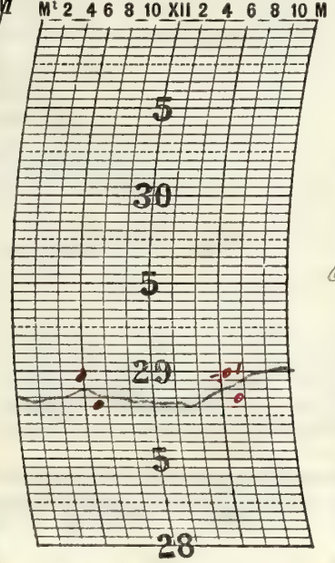
Clouds: Amount, 3.5; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

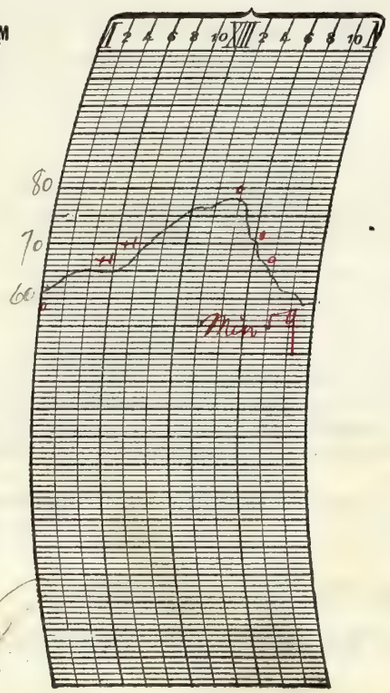
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally cloudy to partly cloudy weather, with showers in the early hours of the morning; moderate temperatures.

Prepared by A. S. Bay

Verified by J. Mathmough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 8, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	56	55	53	53	60	63	68	72	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Dense fog			Fog		Clear				
Sunrise: Time, 4:30; Character, Fog												
Moonrise: 2:51 am												
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	NW	N	N	NW	NW
Wind movement	5	6	5	5	4	3	4	4	4	5	6	6
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	76	75	75	75	[illegible]	[illegible]	69	68	67	66	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy			Pt. Cloudy						
Sunset: Time, 6:44; Character, Cloudy												
Moonset: 4:55 PM												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	E	NW	N	NE	E	SE	SE	SE	SE	SE	S	S
Wind movement	5	6	5	5	5	3	5	7	10	9	12	11
Maximum velocities (exceeding 20 miles) direction and time												

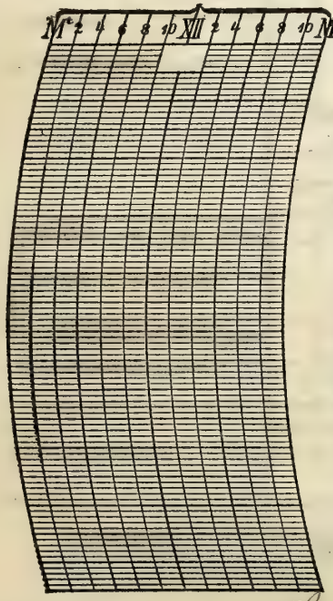
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	52	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 11.5 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 81
Prevailing wind direction, W Total wind 144
Average hourly velocity, 5.8 Extreme velocity, 15
Maximum velocity, 13 Direction, SE
Time began, 11:14 p. m.
Reduced barometer, 30.02 7 a. m. 29.94 7 p. m.
River gage, 2.9 ft
Relative humidity, 87 7 a. m. 39 7 p. m.

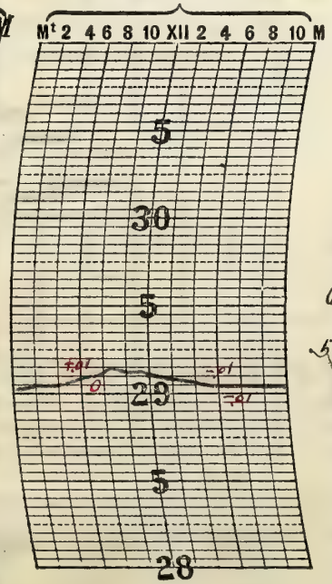
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 73.0 Wet temperature, 57.0
Dew-point, 44 R. humidity, 36 V. pressure, .287
Clouds: Amount, 2; Kind, Cu St; Direction, NW
Velocity of clouds (miles per hour)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

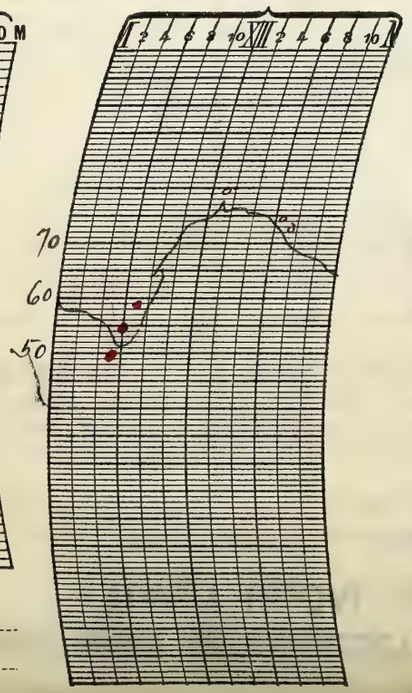
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker

Verified by J. M. Norris

8—486

NOTES.

Dense and light fog in the early part of the day; forenoon generally clear, but considerable cloudiness in the afternoon, and partly cloudy in the early night. Pleasant temperatures prevailed.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 9, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	61	61	61	63	65	68	70	74	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)						0	0	0		0.2	1.0	1.5
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	9	11	13	13	11	12	10	11	14	14	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	80	80	79	78	78	77	77	76	77	77	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy						Cloudy			
Sunshine (in tenths of hours)	0.9	0.9	0.8	0.3	0.7	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	15	17	19	22	23	17	19	22	24	23	27	29
Maximum velocities (exceeding 29 miles) direction and time					31 SW 4:20						30 SW 10:26	32 SW 11:34

Sunrise: Time, 4:29; Character, Cloudy. Moonrise: 3:23 am

Sunset: Time, 6:45; Character, Cloudy. Moonset: 6:11 pm

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	80	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.8 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 41

Prevailing wind direction, S Total wind 400

Average hourly velocity, 16.7 Extreme velocity, 37

Maximum velocity, 32 Direction, SW

Time began, 11:39 p. m.

Reduced barometer, 29.77 7 a. m. 29.41 7 p. m.

River gage, 2.8

Relative humidity, 67 7 a. m. 69 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 2:38 PM
(Local Mean Time.)

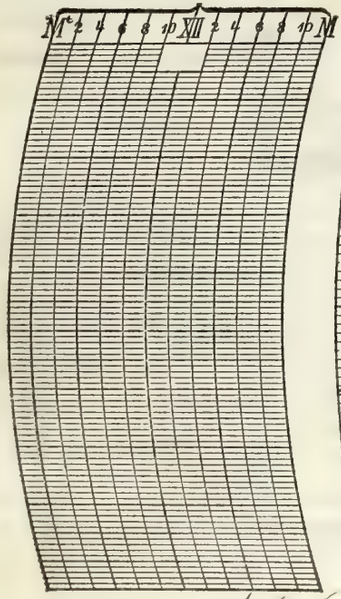
Dry temperature, 74.9 Wet temperature, 65.0

Dew-point, 60 R. humidity, 59 V. pressure, .517

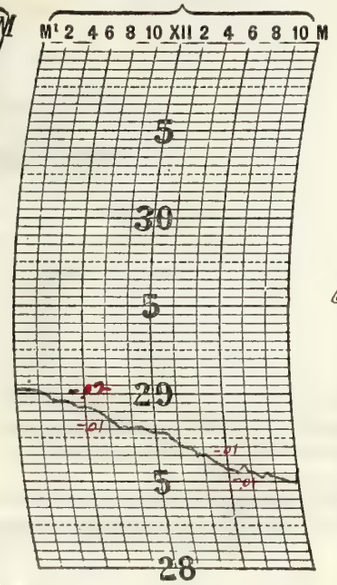
Clouds: Amount, 6 2; Kind, Cu Cu; Direction, W

Velocity of clouds (miles per hour)

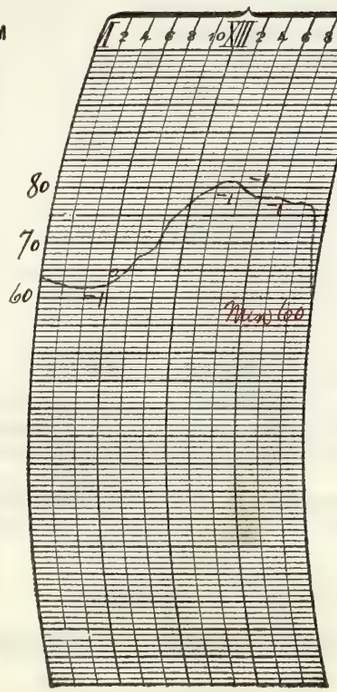
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Diminishing pressure, partly cloudy and warm, but threatening near midnight, with frequent flashes of lightning in the west and northwest. Increasing southerly winds, becoming high southwest winds late night.

Prepared by A. E. Baker

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 10, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	64	62	60	58	54	45	44	46	48	48
Nature of precipitation and time of beginning and ending	RB 12:22	—	1	—	RE 4:30							
Amounts of precipitation	31	02	T	13	01							
Cloudiness and other conditions	Cloudy										P+Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	49	50	50	45	44	42	42	41	40
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				P+Cloudy		Clear					

Sunrise: Time, 4:28 Character, Cloudy

Moonrise: 4:18 am

Sunset: Time, 6:46 Character, Cloudy

Moonset: 7:23 P.M.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.2	0.7
Wind direction	SW	SW	SW	S	SW	W	W	W	W	W	W	NW
Wind movement	26	20	13	16	30	28	25	21	21	21	19	20
Maximum velocities (exceeding 29 miles) direction and time	41 W 12:10			29 SW 3:52	36 SW 4:25	32 SW 5:38	33 W 6:22					

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	*0.7	+0.9	0	0	0.1	1.0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	N
Wind movement	19	17	16	13	11	11	7	6	6	4	4	4
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	40	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .47 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .47 inches.

Character of day, Cloudy. Moon phase, New moon 7:01 am

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.6 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 25

Prevailing wind direction, NW Total wind, 378

Average hourly velocity, 15.8 Extreme velocity, 50

Maximum velocity, 41 Direction, W

Time began, 12:10 a.m.

Reduced barometer, 29.54 7 a. m. 30.00 7 p. m.

River gage, 2.9 ft.

Relative humidity, 78 7 a. m. 61 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M. (Local Mean Time.)

Dry temperature, 47.8 Wet temperature, 44.3

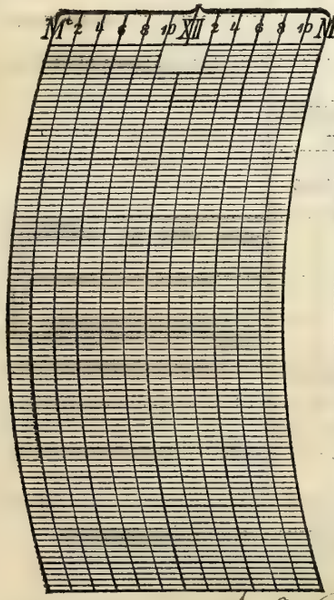
Dew-point, 41 R. humidity, 76 V. pressure, .256

Clouds: Amount, 9; Kind, Strat.; Direction, N

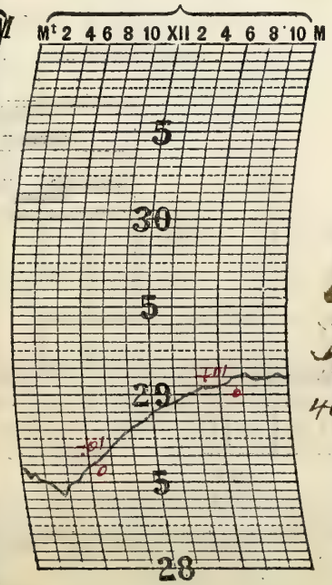
Velocity of clouds (miles per hour)

* Sun shining through broken clouds.

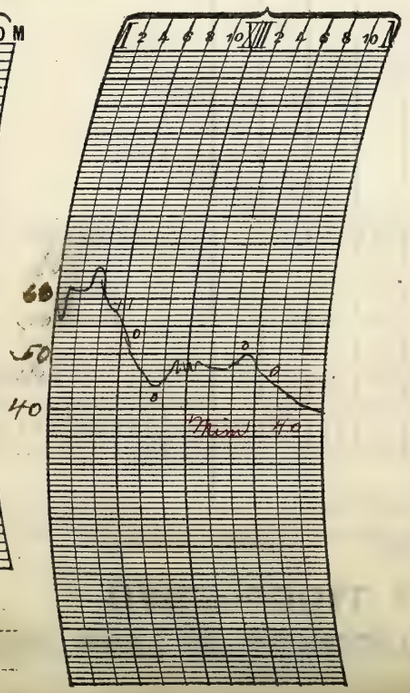
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Frost warning received at 9:23 a.m.

Thunderstorm in the early morning with rain from 12:22 am to 4:30 am, and a thunderstorm of marked intensity with vivid flashes of lightning prevailed from 12:20 am to 4:30 am. Brisk to high southwest winds obtained during the early hours of the morning. The highest velocity was 41 miles from the west at 12:10 am, but as the wind was exceptionally gusty, the wind during some of the squalls must have attained a much higher velocity than it was possible for the wind register to record.

The day was unpleasantly cold and generally cloudy, but the clouds had practically disappeared about sunset.

Prepared by H. J. Baker

Verified by T. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) May 11, 1918

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	40	39	38	39	40	42	44	47	49	50	54	53	53	56	56	54	54	53	53	52	51	52	52
State of weather: Nature of precipitation and time of beginning and ending																					R.B. 8:35	–	–	–
Amounts of precipitation																					T	T	.01	.01
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 4:37; Character, Cloudy																								
Moonrise: 504 am																								
Sunset: Time, 6:47; Character, Cloudy																								
Moonset: 830 p.m.																								
Sunshine (in tenths of hours)					0	0	0	0	0	0	*0.4	*0.6	*0.6	0	0	0	0	0	0					
Wind direction	N	N	N	N	W	NE	SW	SE	SE	S	SE	SE	S	SE	SE	SE	S	SE	SE	E	E	NE	E	E
Wind movement	4	2	3	1	3	1	3	3	4	7	9	6	8	5	4	5	6	4	4	4	6	6	8	6
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	37	46	

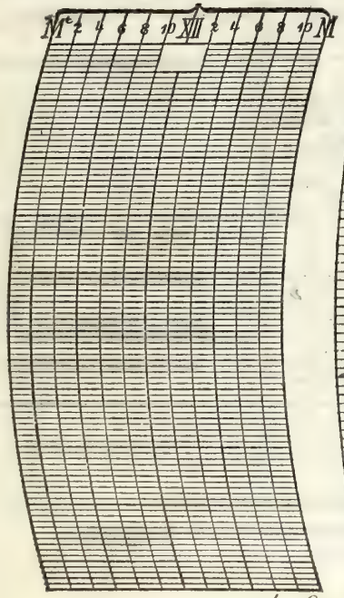
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.6 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 11
Prevailing wind direction, SE Total wind 112
Average hourly velocity, 4.7 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 10:10 a. m.
Reduced barometer, 30.06 7 a. m. 29.90 7 p. m.
River gage, 3.3 ft
Relative humidity, 81 7 a. m. 87 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

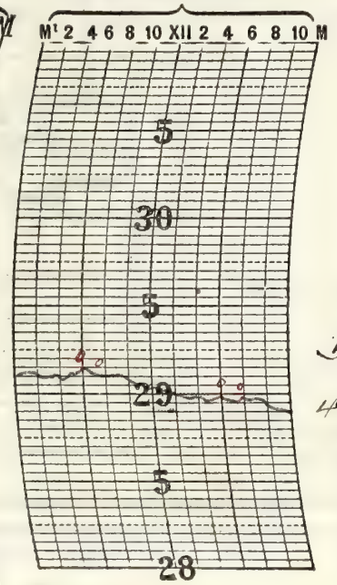
OBSERVATIONS AT 12 ~~NOON~~. 12:38 PM
(Local Mean Time.)

Dry temperature, 52.5 Wet temperature, 47.0
Dew-point, 42 R. humidity, 66 V. pressure, .266
Clouds: Amount, 10; Kind, Sta; Direction, S
Velocity of clouds (miles per hour)

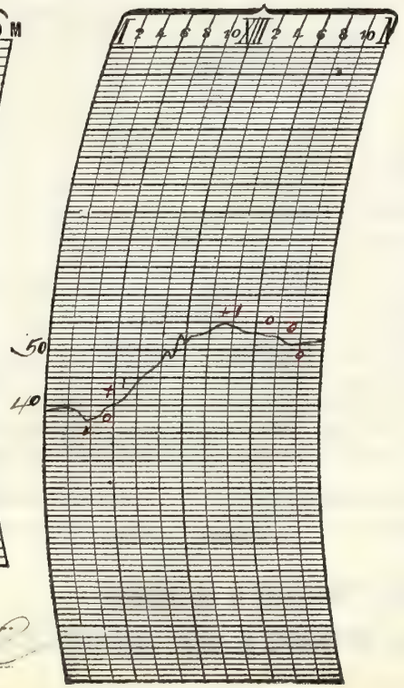
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Sun shining through detached clouds.

A light frost was observed in the early morning; the lowest temperature was 37°. No damage.

Cold and cloudy day with light rain continued from 8:35 pm.

Prepared by A. S. Baker

Verified by P. McDonough

9—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 12, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	55	55	58	60	60	63	64	65	58
Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	RE 8:15	RB 9:45	RE 10:45	
Amounts of precipitation	.09	.02	0	.02	.03	.03	.14	.01	T	T	.03	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	4:26 Cloudy											
Moonrise	5:59 AM											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SE	E	SE	SE	SE	S	S	S	S	SW	SW	SW
Wind movement	5	6	6	6	5	8	12	12	13	19	17	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	61	63	55	54	51	50	49	49	49	48
Nature of precipitation and time of beginning and ending	RB 12:30	–	–	RE 3:05	RB 4:35	–	RE 6:20					
Amounts of precipitation	T	.08	.06	T	.02	.14	T					
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									6:49 Cloudy			
Moonset									9:29 PM			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NW	N	SE	S	S	NW	N	N	N	N	NW	NW
Wind movement	15	3	5	10	13	13	13	12	11	11	10	9

State of weather.

Maximum velocities (exceeding 25 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

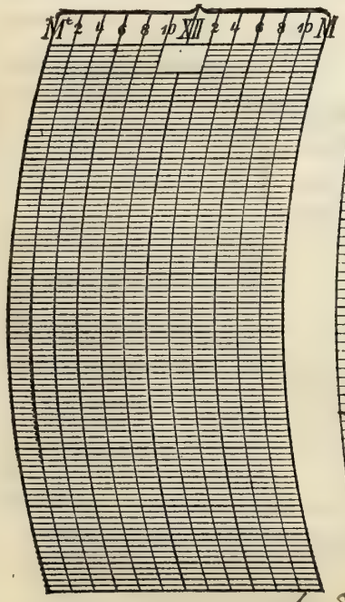
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	48	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .34 ins.
Total precipitation, midnight to midnight, .34 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 250
Average hourly velocity, 10.4 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 9:N 2:PM
Reduced barometer, 29.66 7 a. m. 29.17 7 p. m.
River gage, 4.01
Relative humidity, 97 7 a. m. 91 7 p. m.

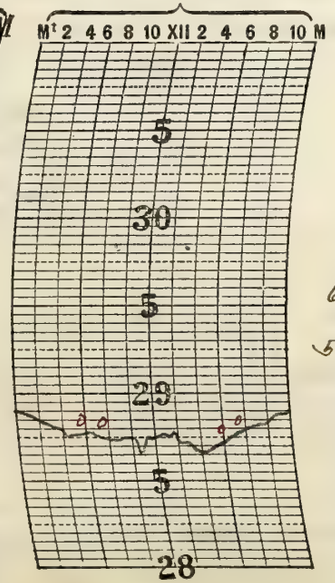
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 64.2 Wet temperature, 62.2
Dew-point, 61 R. humidity, 90 V. pressure, .536
Clouds: Amount, 10; Kind, Strat; Direction, S.W.
Velocity of clouds (miles per hour)

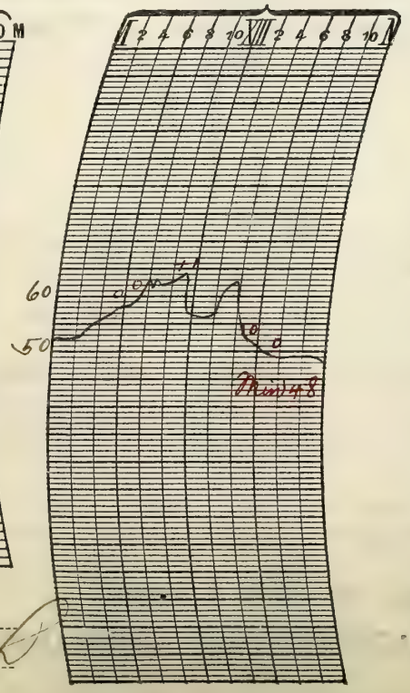
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The rain which began last night continued with but short interruptions until 6.20 p.m. Moderate temperature prevailed but the weather became decidedly cooler after 5 p.m. The day was unpleasant as a whole.

Prepared by J. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 13, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	45	45	49	51	54	56	58	59	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy			Clear			Pt. Cloudy	
Sunshine (in tenths of hours)					6	0.2	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	W	SW	SW	SW	SW	SW	W	W	W
Wind movement	7	7	6	3	6	5	5	9	10	13	12	12

Sunrise: Time, 4:25; Character, Cloudy. Moonrise: 7:01 AM

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	63	64	62	61	59	57	56	53	53	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear		Pt. Cloudy		Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	W	W	W	W	W	W	W	W	NW	NW	W	W
Wind movement	11	13	11	13	13	9	6	4	6	8	4	3

Sunset: Time, 6:15; Character, Cloudy. Moonset: 10:21 PM.

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

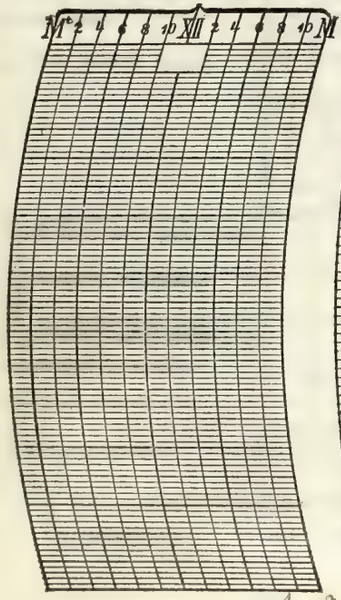
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	45	52	

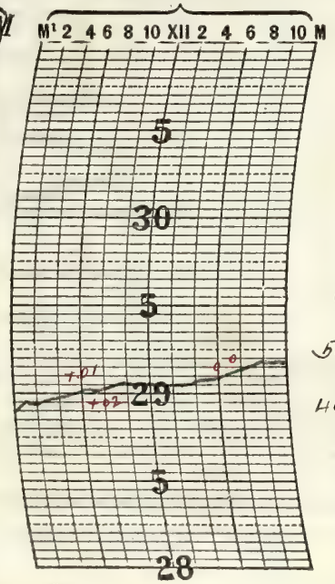
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.3 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 78
Prevailing wind direction, W Total wind 196
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 3:00 p. m.
Reduced barometer, 29.97 7 a. m. 30.03 7 p. m.
River gage, 4.6 ft
Relative humidity, 75 7 a. m. 55 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 66 Wet temperature, 48.8
Dew-point, 38 R. humidity, 43 V. pressure, .228
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

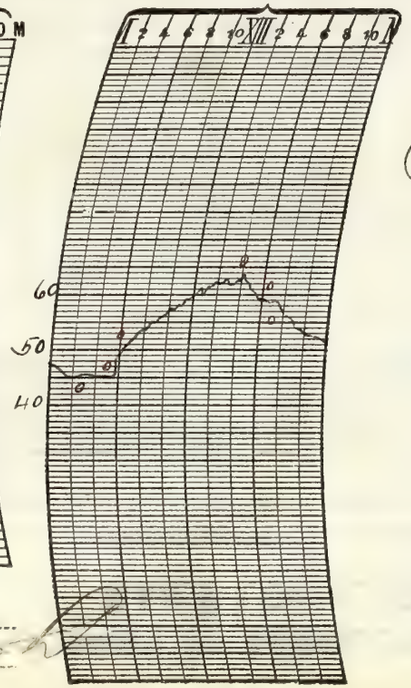
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Frost warning received at 9:1[illegible] a.m.
Partly Cloudy and Cool, but generally pleasant weather.

Prepared by A. B. Porter
Verified by T. M. Donaghy

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 1, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	48	48	50	52	56	61	60	62	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, Character,	4:24 C											
Moonrise:	8:04 am											
Sunshine (in tenths of hours)					0.60 0	0.6 0.4	0.8	1.0	1.0	1.0	0.9	0.9
Wind direction	W	W	W	SW	SW	SW	NW	NW	NW	W	NW	NW
Wind movement	3	3	4	4	4	4	5	5	6	6	7	6
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	69	68	69	69	68	64	62	60	58	57	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly cloudy			Clear				
Sunset: Time, Character,									6:51 Clear			
Moonset:									10:59 pm			
Sunshine (in tenths of hours)	1.0	0.9	1.0	1.0	1.0	1.0	0.85 0					
Wind direction	NW	NW	SW	NW	SW	NW	N	NE	NE	NE	SE	SE
Wind movement	7	5	7	6	4	5	4	4	5	6	6	6
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	48		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., ___ inches.
Total snowfall, midnight to midnight, ___ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cl. Moon phase, ___
Average daily cloudiness (0-10), ___
Actual sunshine, hours, 14.0 Possible sunshine, hours, 14.4
Per cent of possible sunshine, ___
Prevailing wind direction, NW Total wind 12.2
Average hourly velocity, 5 Extreme velocity, ___
Maximum velocity, 11 Direction, SW
Time began, 2:22 p. m.
Reduced barometer, 7 a. m. 30.2 7 p. m.
River gage, 6.5
Relative humidity, 7 a. m. ___ 7 p. m.

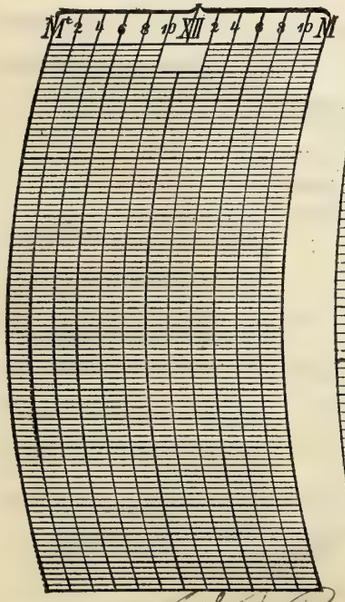
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

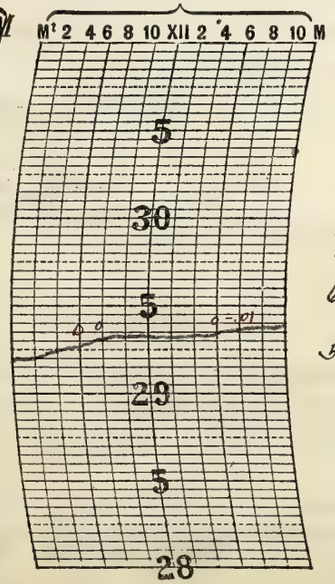
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 63.8 Wet temperature, 53.0
Dew-point, 44 R. humidity, 48 V. pressure, .287
Clouds: Amount, 6; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

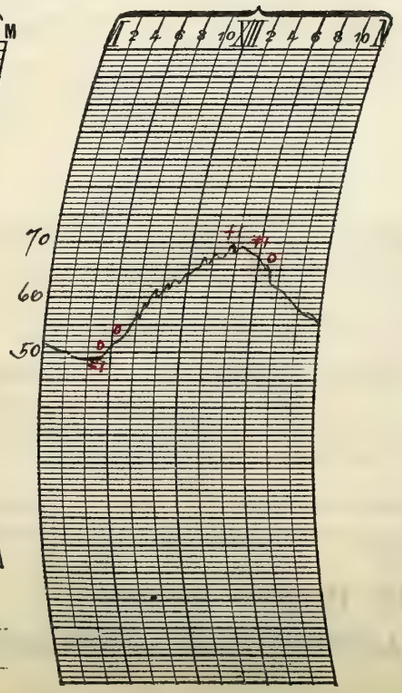
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and pleasant weather.

Prepared by W. G. Burke

Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 15, 1918

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	53	50	52	56	58	67	72	74	75	76	75	75	75	74	73	70	68	67	65	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear	→					Pt. Cloudy								Clear						
Sunrise: Time, 4:23; Character, Cloudy																					Sunset: Time, 6:52; Character, Clear			
Moonrise: 9:09 pm																					Moonset: 11:33 pm			
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	0.9	1.0	1.0	0.9	1.0	0.9	1.0	0.6 / 0.4	0.8 / 0					
Wind direction	E	E	SE	E	E	E	E	E	E	SE	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE
Wind movement	5	5	5	5	6	7	7	7	5	7	11	11	11	11	11	11	10	8	7	6	6	6	4	4
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

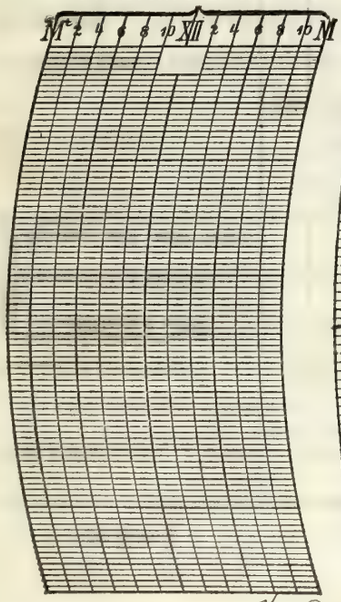
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	50	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 86
Prevailing wind direction, S Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 16
Maximum velocity, 14 Direction, S
Time began, 10:50 a.m.
Reduced barometer, 30.35 7 a. m. 30.20 7, p. m.
River gage, 4.8 ft.
Relative humidity, 75 7 a. m. 45 7 p. m.

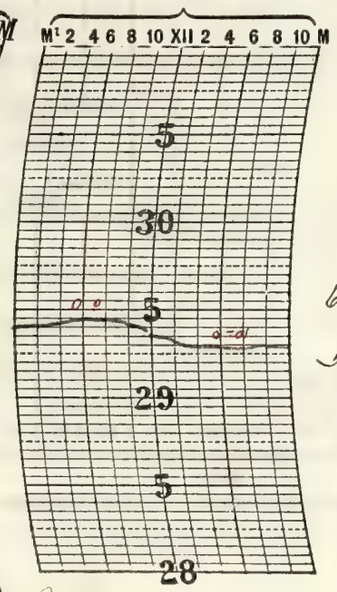
OBSERVATIONS AT ~~12 NOON.~~ 12:35 p.m.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 57.5
Dew-point, 46 R. humidity, 36 V. pressure, .310
Clouds: Amount, 4; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

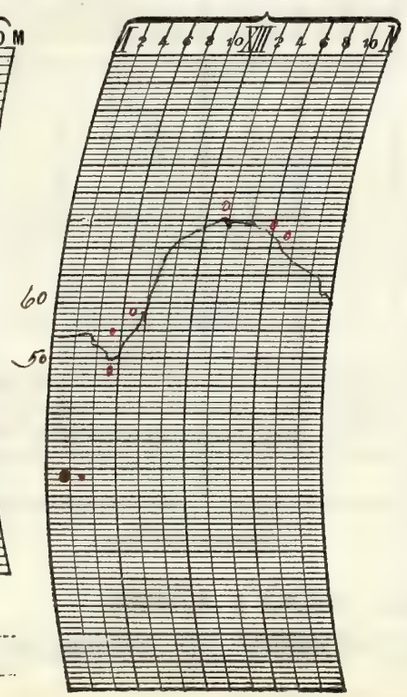
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and pleasant weather.

Prepared by H. S. Bower

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 16, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	55	53	54	57	61	70	73	76	75	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, 4:22; Character, Clear												
Moonrise: 10:11 a.m.												
Sunshine (in tenths of hours)					0.63 / 0	0.6 / 0.24	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	E	E	E	E	E	E	S	S	SW	SW	SW
Wind movement	2	2	2	2	2	2	2	4	6	8	13	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	81	81	80	77	75	73	71	69	67	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 6:52; Character, Clear												
Moonset: — —												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3 / 0.7	0.87 / 0					
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	14	12	13	12	11	7	5	6	7	8	8	7
Maximum velocities (exceeding 29 miles) direction and time												

Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

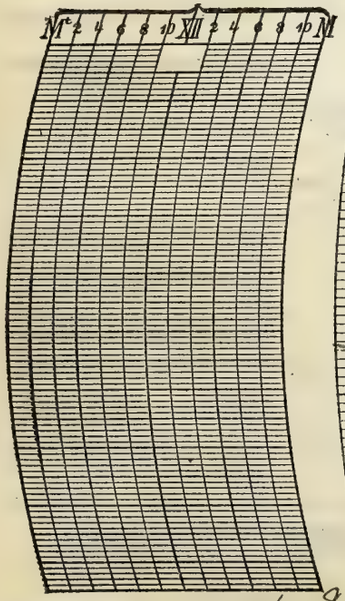
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	53	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., ____ inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 169
Average hourly velocity, 7.0 Extreme velocity, 19
Maximum velocity, 17 Direction, SW
Time began, 11:11 a. m.
Reduced barometer, 30.24 7 a. m. 30.15 7 p. m.
River gage, 4.4 ft
Relative humidity, 59 7 a. m. 44 7 p. m.

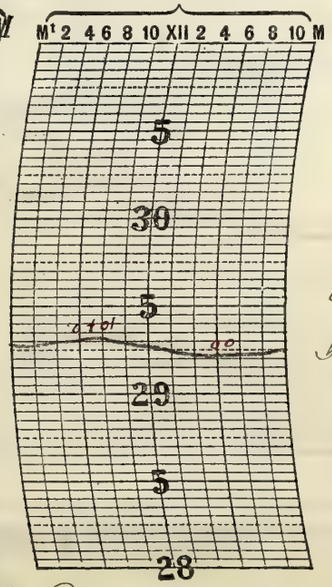
OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 60.0
Dew-point, 47 R. humidity, 34 V. pressure, .322
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

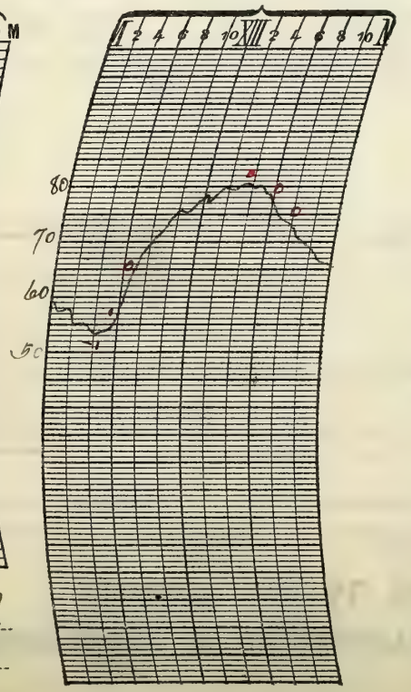
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and warm weather.

Prepared by H. S. Baker

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 17, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	63	62	63	64	69	75	78	80	81	82	83	83	83	82	80	78	75	72	71	69	67	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear	→	←	Pt.	Cloudy					→	Clear	→	←	Pt.	Cloudy						
Sunrise: Time, 4:21; Character, Clear																					Sunset: Time, 6:43; Character, Cloudy			
Moonrise: — —																					Moonset: 12:05 am			
Sunshine (in tenths of hours)					0.65 / 0	0.7 / 0.3	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	8	9	7	7	6	7	9	9	9	10	13	13	14	14	15	16	14	11	7	8	8	9	9	9
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive begin.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

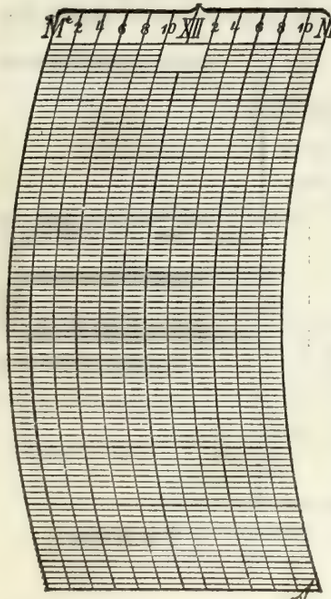
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	62	72	

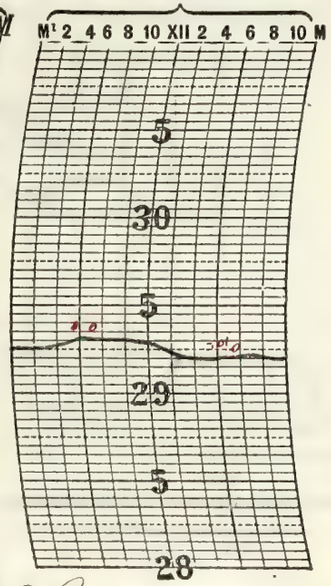
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy; Moon phase, first quarter 2:14 p.m.
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.2; Possible sunshine, hours, 14.5
Per cent of possible sunshine, 84
Prevailing wind direction, S; Total wind 241
Average hourly velocity, 10.0; Extreme velocity, 22
Maximum velocity, 20; Direction, SW
Time began, 2:38 p.m.
Reduced barometer, 30.22, 7 a. m. 30.13, 7 p. m.
River gage, 4.2 ft.
Relative humidity, 68, 7 a. m. 51, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:35 PM.
(Local Mean Time.)
Dry temperature, 81.2; Wet temperature, 63.7
Dew-point, 53; R. humidity, 38; V. pressure, .402
Clouds: Amount, 5; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

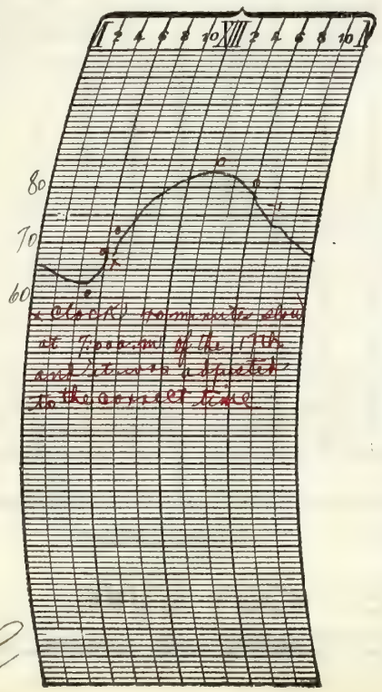
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy and warm weather.

Prepared by R. S. Baker
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) May 18, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	66	67	67	68	71	72	72	73	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy					Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	* 0.1	* 0.4	* 0.6	* 0.8
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	8	10	9	13	13	13	13	15	16	16	16	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	77	77	75			67	66	65	64	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy				Pt. Cloudy					
Sunshine (in tenths of hours)	* 1.0	* 0.9	* 1.0	* 0.5	1.0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW
Wind movement	19	16	18	17	16	16	13	12	12	10	11	15

Sunrise: Time, 4:20; Character, Cloudy

Moonrise: 12:12 P.M.

Sunset: Time, 6:54; Character, Cloudy

Moonset: 12:29 A.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	62		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., — inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 6.3 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 43

Prevailing wind direction, SW Total wind 324

Average hourly velocity, 13.5 Extreme velocity, 24

Maximum velocity, 20 Direction,

Time began, 2:07 p. m.

Reduced barometer, 30.11 7 a. m. 30.00 7 p. m.

River gage, 3.8 ft

Relative humidity, 70 7 a. m. 47 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

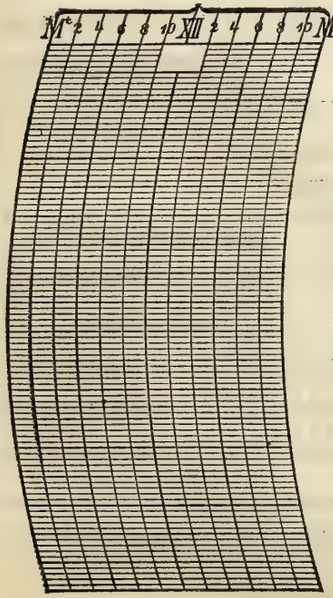
Dry temperature, 74.0 Wet temperature, 65.8

Dew-point, 62 R. humidity, 65 V. pressure, .565

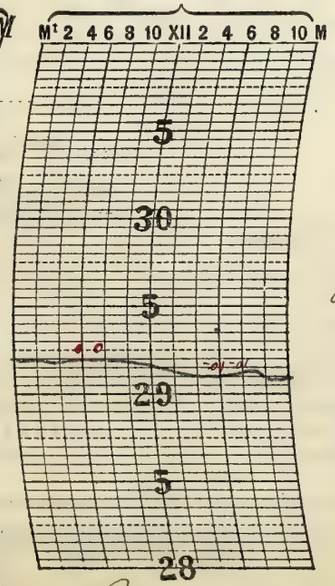
Clouds: Amount, 5 3; Kind, Stratus; Direction, SW

Velocity of clouds (miles per hour)

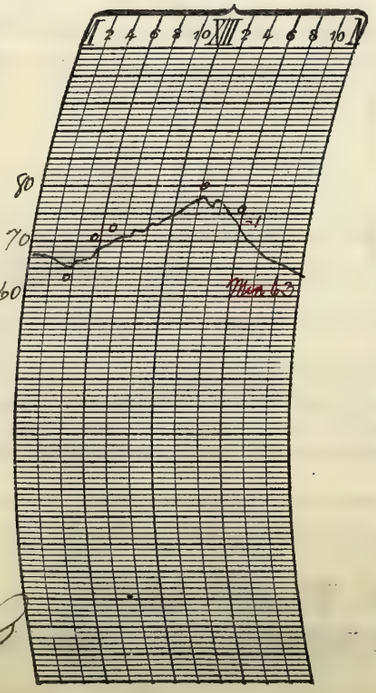
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Generally Cloudy with Moderate temperature.

Prepared by A. S. Baker

Verified by C. M. Donoughe

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 19, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	61	6[illegible]	63	65	65	67	68	71	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				C	l	o	
Sunrise: Time, Character	4:19 Cloudy											
Moonrise	1:10 p.m.											
Sunshine (in tenths of hours)					0	0	0	*0.3	0	0	*0.6	*1.0
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S
Wind movement	4	6	7	7	9	11	10	11	13	11	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	78	78	79	78	74	71	71	71	60	61
State of weather: Nature of precipitation and time of beginning and ending				T 3:25 T 3:40							T 10:35	
Amounts of precipitation				.09							.14	.01
Cloudiness and other conditions	u	d	y	—			Clear	Cloudy				
Sunset: Time, Character									6:55 Cloudy			
Moonset									12:53 a.m.			
Sunshine (in tenths of hours)	*1.0	*0.7	*0.4	*0.4	*0.5	*0.4	0					
Wind direction	SW	SW	S	S	S	S	S	S	S	SW	NW	W
Wind movement	12	12	10	6	14	15	14	15	15	12	14	7

Maximum velocities (exceeding 84 miles) direction and time

Maximum velocity	Direction	Time
25	NW	10:34 p.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 6.3 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 36

Prevailing wind direction, S Total wind 260

Average hourly velocity, 10.8 Extreme velocity, 30

Maximum velocity, 25 Direction, NW

Time began, 10:34 p.m.

Reduced barometer, 29.99 7 a. m. 29.83 7 p. m.

River gage, 3.4 ft

Relative humidity, 87 7 a. m. 72 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)

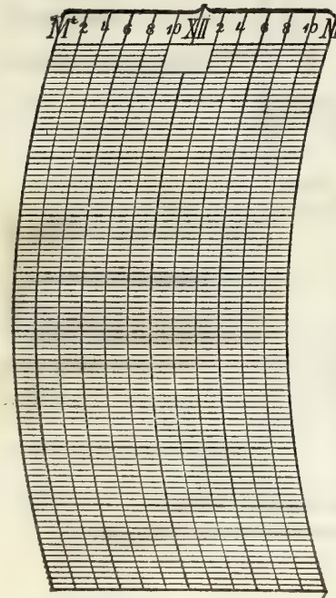
Dry temperature, 75.0 Wet temperature, 67.6

Dew-point, 64 R. humidity, 68 V. pressure, .595

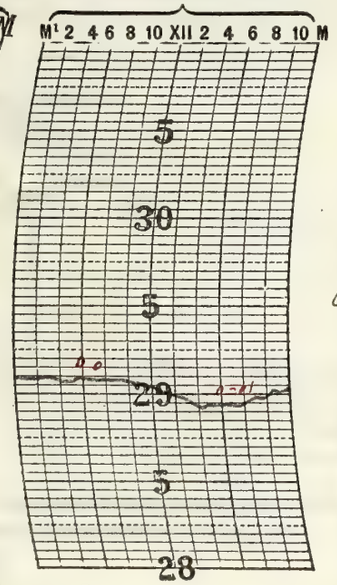
Clouds: Amount, 9; Kind, Strat; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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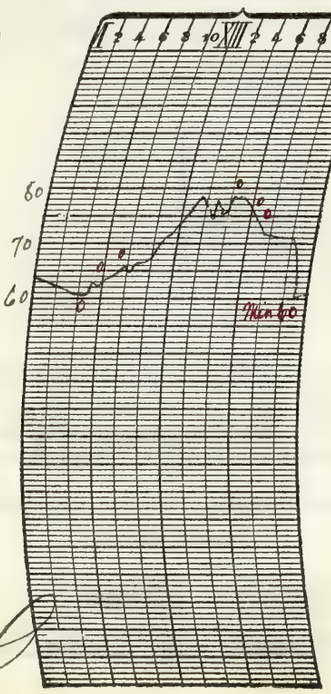


NOTES.

Moderate temperature and generally cloudy, with a thunder-shower in the afternoon and another in the late night.

First thunder heard at 3:15 pm. last thunder heard at 3:30 pm; storm came from the south.

Flashes of lightning were observed in the west at 8:20 pm, and a second thunderstorm began at 10:45 pm and continued into the next day.

Prepared by F. S. Baker

Verified by C. M. McDonough

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 20, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	61	61	62	64	64	65	67	69
State of weather: Nature of precipitation and time of beginning and ending	–	RE H.N										
Amounts of precipitation	.01	T										
Cloudiness and other conditions						Cloudy					Pt. Cloudy	
Sunshine (in tenths of hours)					0	0	0	0*	0	0*	1.0	1.0
Wind direction	SW	SW	SW	SW	W	SW	SW	W	W	NW	NW	NW
Wind movement	7	7	10	8	5	4	6	8	6	10	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	71	69	67	66	62	60	58	57	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy				Pt. Cloudy					
Sunshine (in tenths of hours)	1.0	1.0*	1.0*	1.0*	0.6	0.1	0					
Wind direction	NW	W	NW	NW	NW	NW	N	N	N	N	NE	NE
Wind movement	7	7	10	10	10	8	6	5	5	4	7	8

Sunrise: Time, 4:18 Character, Cloudy

Moonrise: 2:09 P.M.

Sunset: Time, 6:46 Character, Cloudy

Moonset: 1:17 AM

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.2 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 49

Prevailing wind direction, NW Total wind 171

Average hourly velocity, 7 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 9:14 am

Reduced barometer, 30.06 7 a. m. 30.16 7 p. m.

River gage, 3.7 ft.

Relative humidity, 88 7 a. m. 48 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m. (Local Mean Time.)

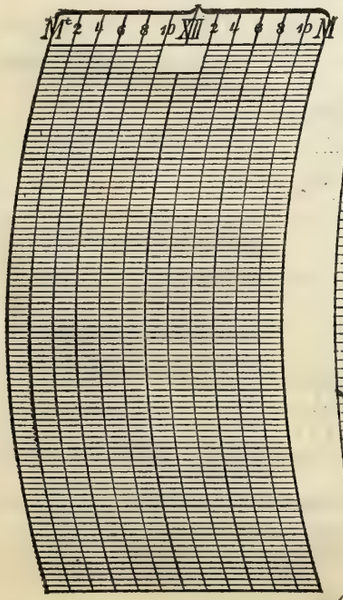
Dry temperature, 69.8 Wet temperature, 60.0

Dew-point, 53 R. humidity, 57 V. pressure, .402

Clouds: Amount, 8; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



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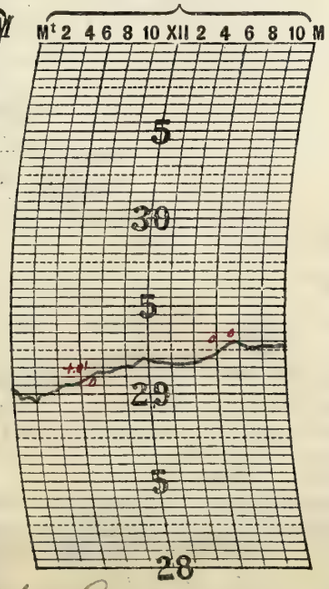

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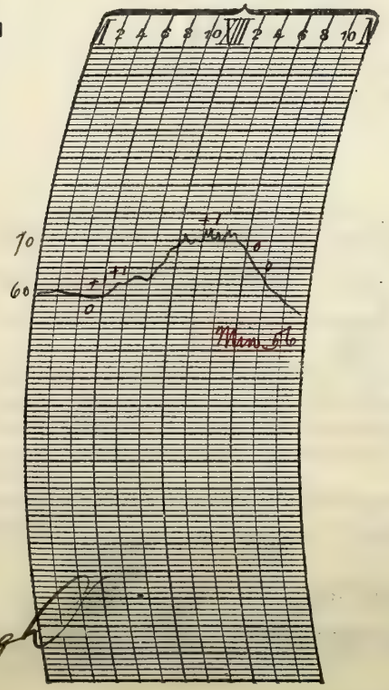


* Sun shining through detached clouds

NOTES.

The rain which began last night ended during the early hours of the morning.

The thunderstorm which continued from last night ended during the night of the a.m.

Generally cloudy and somewhat cooler weather.

Prepared by A. S. Bizer

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 21, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	54	54	53	55	57	61	65	68	71	73	73	74	75	74	73	72	70	69	68	68	69	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy	→		←	Pt Cloudy	→	←	Cloudy		—	←	Pt Cloudy	←		Clear					→	
Sunshine (in tenths of hours)					0	*0.4	0.1	0.9	1.0	1.0	*0.9	*0.5	*0.8	*0.7	0.3	0.1	0.3	0.1	0					
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	NE	E	E	SE	SE	SE	SE	SE	S	S
Wind movement	6	6	9	7	9	12	14	13	12	10	10	9	9	8	6	6	8	8	6	6	4	6	7	9
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:18; Character, Cloudy. Moonrise: 3:07 P.M.

Sunset: Time, 6:57; Character, Cloudy. Moonset: 1:41 A.M.

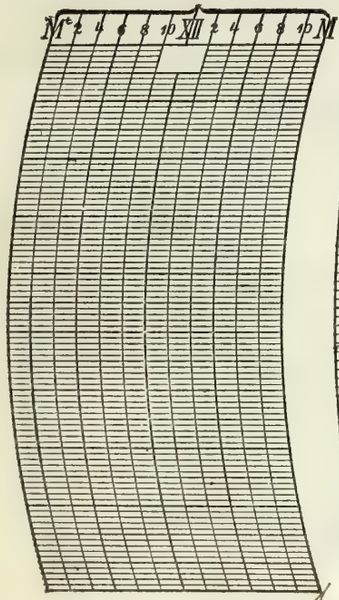
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	53	64	

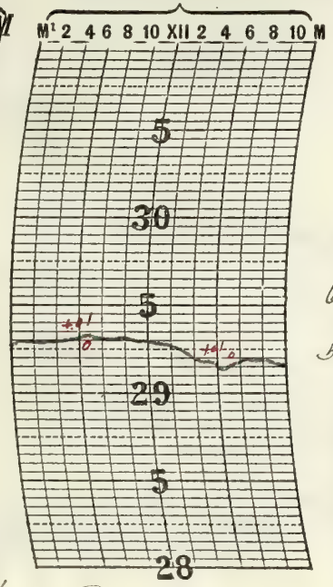
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.6; Possible sunshine, hours, 14.6
Per cent of possible sunshine, 45
Prevailing wind direction, E; Total wind 200
Average hourly velocity, 8.3; Extreme velocity, 19
Maximum velocity, 16; Direction, NE
Time began, 7:45 a. m.
Reduced barometer, 30.25 7 a. m. 30.08 7 p. m.
River gage, 3.7 ft.
Relative humidity, 83 7 a. m. 77 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 71.5; Wet temperature, 64.0
Dew-point, 60; R. humidity, 67; V. pressure, .517
Clouds: Amount, 9; Kind, St. Cu.; Direction, SE
Velocity of clouds (miles per hour)

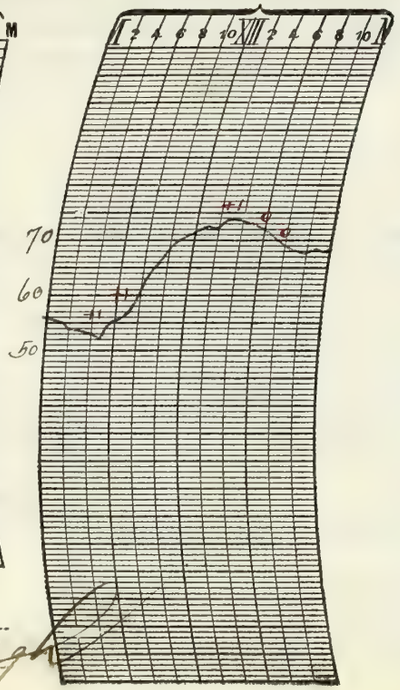
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds

NOTES.

Partly cloudy weather with moderate temperatures - Quite pleasant

Prepared by A. S. Baker

Verified by C. M. Donough

8—486

Form No. 1014—Met 7.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 22, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	70	68	67	67	71	72	78	80	81	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0.8	0.2	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	N	N	NE	SE	SW	SW	W	W
Wind movement	11	13	11	8	5	4	3	5	15	18	19	15
Maximum velocities (exceeding 21 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	81	80	78	76	71	69	68	65	63	63
State of weather: Nature of precipitation and time of beginning and ending			RW 2:45	RE 3:50								
Amounts of precipitation			T	T								
Cloudiness and other conditions	Cloudy						Cloudy					
Sunshine (in tenths of hours)	1.0	0.6	0.6	0.4	0.6	0	0					
Wind direction	W	W	W	NW	NW	NW	NW	N	N	N	N	N
Wind movement	17	17	17	12	11	10	10	12	9	7	8	7

Sunrise: Time, 4:17; Character, Cloudy

Moonrise: 4:07 P.M.

Sunset: Time, 6:58; Character, Cloudy

Moonset: 2:07 A.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	63	73	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy; Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 8.2; Possible sunshine, hours, 14.7

Per cent of possible sunshine,

Prevailing wind direction, Total wind 264

Average hourly velocity, 11.0; Extreme velocity,

Maximum velocity, 22; Direction, W

Time began, 10:24 a. m.

Reduced barometer, 30.13 7 a. m. 30.13 7 p. m.

River gage, 2.9 ft

Relative humidity, 68 7 a. m. 73 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M. (Local Mean Time.)

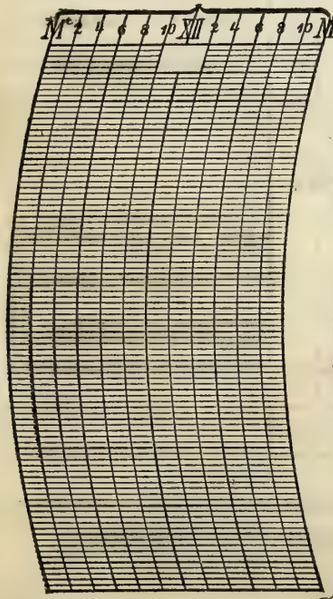
Dry temperature, 81.6; Wet temperature, 66.6

Dew-point, 59; R. humidity, 46; V. pressure, .499

Clouds: Amount, 5; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



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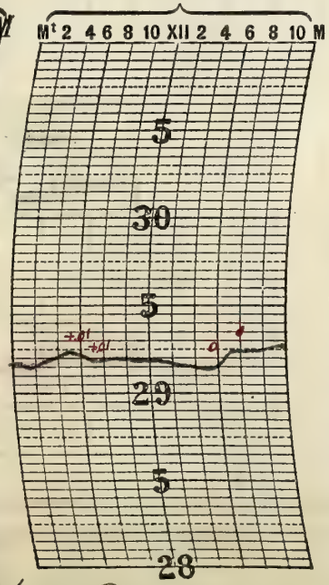

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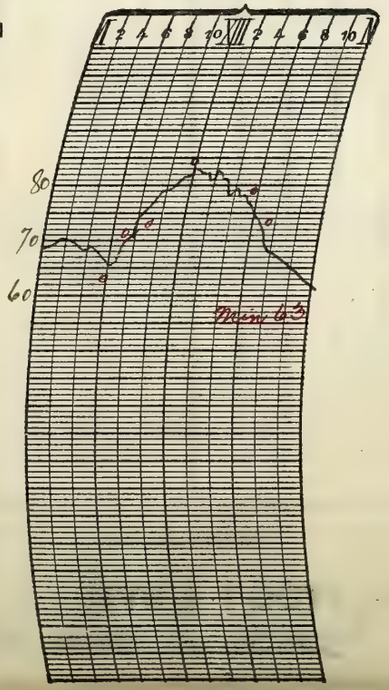


NOTES.

Generally partly cloudy and warm, with a light thundershower in the afternoon.

First thunder heard at 1:55 p.m.; last thunder heard at 2:05 p.m.; the storm came from the west.

Prepared by A. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 23, 1918

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	57	56	54	55	58	59	60	62	64	67	70	69	69	68	68	67	64	63	61	59	57	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear									→	Pt. Cloudy		←	Cloudy			
Sunshine (in tenths of hours)					0.3 C	0.7 C	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	N	NW	NW	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	SE	E	E	E
Wind movement	6	6	6	5	3	5	8	10	11	13	12	11	11	11	9	8	8	7	5	5	5	7	7	7
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 4:16 Character, Clear

Moonrise: 5:08 p.m.

Sunset: Time, 6:57 Character, Cloudy

Moonset: 2:36 a.m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.4 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 91

Prevailing wind direction, NE Total wind 186

Average hourly velocity, 7.8 Extreme velocity, 16

Maximum velocity, 25 Direction, NE

Time began, 9:18 a.m.

Reduced barometer, 30.34 7 a. m. 30.30 7 p. m.

River gage, 2.7 ft.

Relative humidity, 64 7 a. m. 4 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

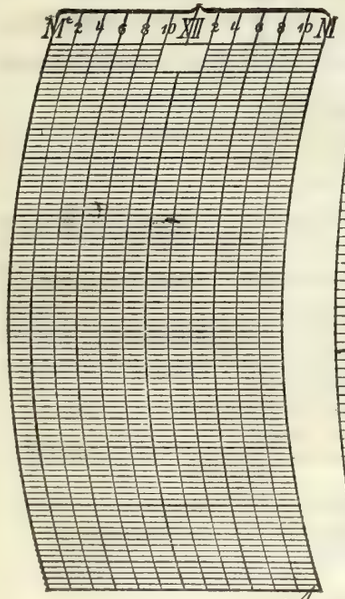
Dry temperature, 65.0 Wet temperature, 54.8

Dew-point, 47 R. humidity, 52 V. pressure, 322

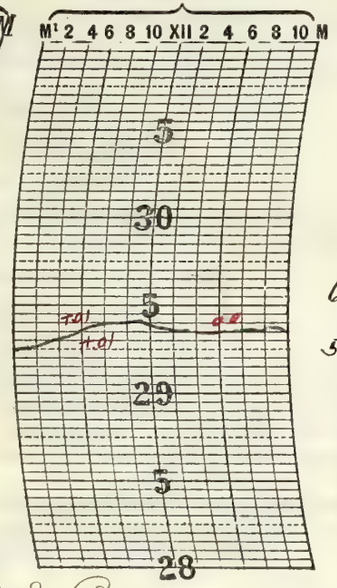
Clouds: Amount, 1; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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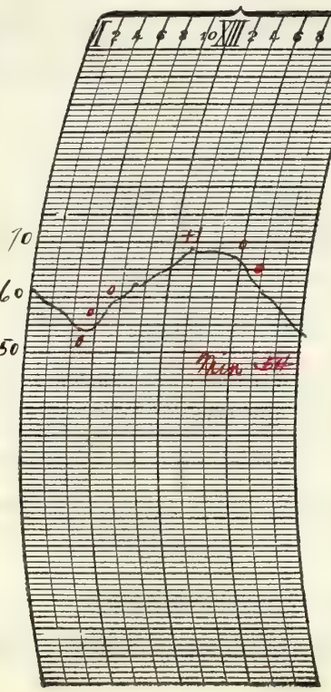


NOTES.

Clear during the greater part of the day but clouds began to form in the late afternoon, the night being generally cloudy. Moderate temperature prevailed during the day.

Prepared by F. S. Baker

Verified by F. McConnaughey

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 24, 1918

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	51	49	49	49	54	60	65	67	68	68
State of weather: Nature of precipitation and time of beginning and ending												TS 11:40
Amounts of precipitation												T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:15 Cloudy											
Moonrise:	6:08 pm											
Sunshine (in tenths of hours)					0	0	0.8	1.0	0.5	1.0	0.4	0
Wind direction	E	E	E	E	E	E	E	SE	SE	S	S	S
Wind movement	8	8	7	7	5	6	7	6	6	6	6	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	64	66	71	71	72	71	70	70	69	68	69
State of weather: Nature of precipitation and time of beginning and ending	–	–	TS 2:30									
Amounts of precipitation	.02	.08	.08									
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									7:00 Cloudy			
Moonset:									3:09 am			
Sunshine (in tenths of hours)	0	0	*0.1	*0.8	*0.1	0	0					
Wind direction	S	SE	S	SE	S	S	S	SW	W	SW	SW	S
Wind movement	2	3	6	10	8	7	10	4	5	4	5	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

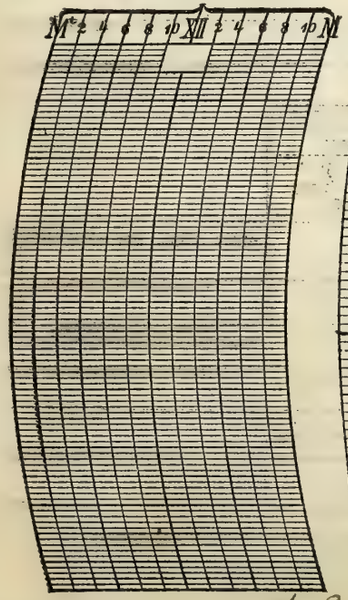
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	49	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 32
Prevailing wind direction, S Total wind 147
Average hourly velocity, 6.1 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 6:27 p.m.
Reduced barometer, 30.25 7 a. m. 30.01 7 p. m.
River gage, 2.7 ft
Relative humidity, 57 7 a. m. 84 7 p. m.

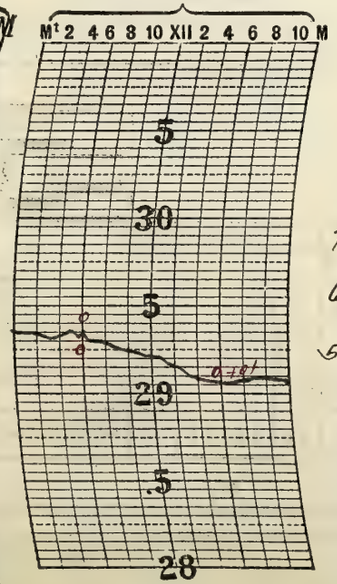
OBSERVATIONS AT ~~12 NOON.~~ 12:38 AM.
(Local Mean Time.)
Dry temperature, 67.8 Wet temperature, 66.3
Dew-point, 66 R. humidity, 93 V. pressure, .638
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

* Sun shining through detached clouds

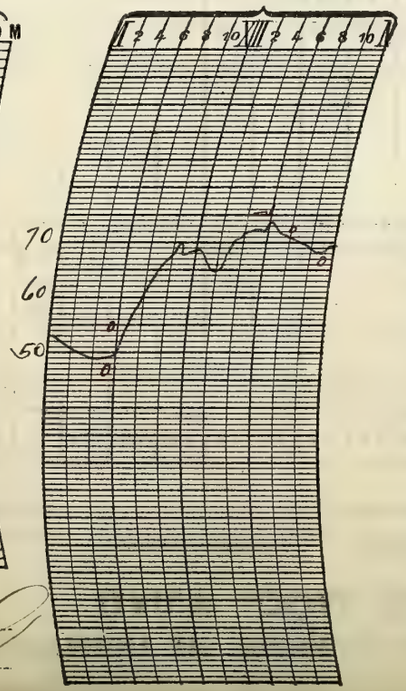
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool in the morning, but moderate temperatures during the day and night. Generally cloudy with thunder showers during the mid day hours.

First thunder heard at 12:20 pm, last thunder occurred at 2:30 pm, storm came from the South.

Another thunder storm from the south occurred between 6:05 pm and 6:30 pm.

Prepared by H. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) May 25, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	69	69	70	72	74	78	81	84	85	86
State of weather: Nature of precipitation and time of beginning and ending			RB D.N	RE D.N								
Amounts of precipitation			T	T								
Cloudiness and other conditions					←			Pt		C	loudy	→
Sunrise: Time, Character,	4:15 Cloudy											
Moonrise:	7:09 P.M.											
Sunshine (in tenths of hours)					0	0.1	0.5	0.8	1.0	1.0	1.0	1.0
Wind direction	SW	W	NW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	7	4	5	9	12	13	14	15	20	22	21
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	88	87	86	83	81	79	78	77	75	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									7:01 Cloudy			
Moonset:									3:48 AM			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	22	20	18	18	14	10	9	10	9	9	9
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive begun.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	69	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase, full moon 4:32 p.m.

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 11.2 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 76

Prevailing wind direction, SW Total wind 324.3

Average hourly velocity, 13.5 Extreme velocity, 33

Maximum velocity, 26 Direction, SW

Time began, 12:32 p.m.

Reduced barometer, 29.98 7 a. m. 29.92 7 p. m.

River gage, 2.74

Relative humidity, 86 7 a. m. 65 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

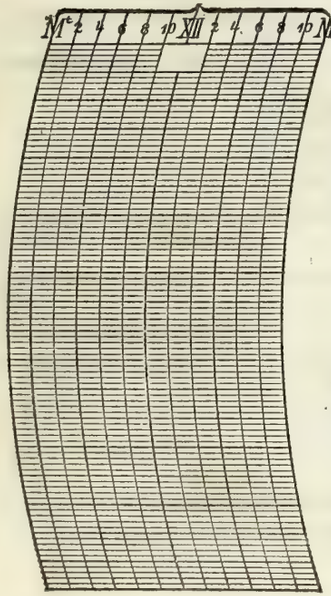
Dry temperature, 85.1 Wet temperature, 72.0

Dew-point, 66 R. humidity, 53 V. pressure, .638

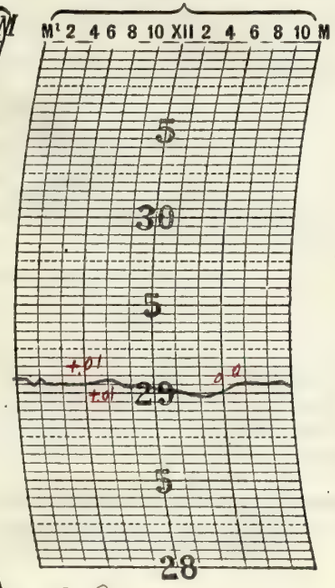
Clouds: Amount, 5; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

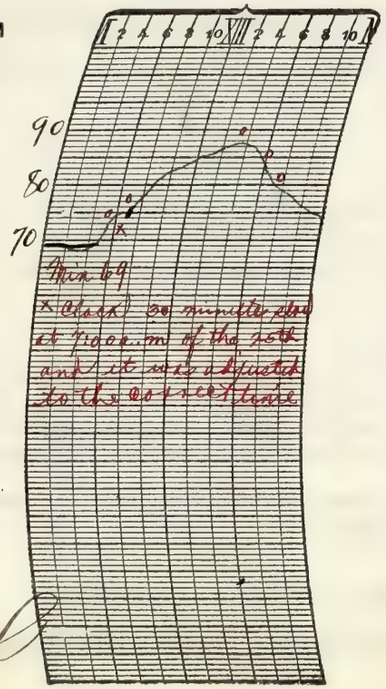
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light rain began and ended during the night of the 24th. Generally partly cloudy and warm weather.

Prepared by H. S. Barker

Verified by T. McDonough

8—486

Form No. 1014—Mot'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 26, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	71	70	69	70	74	77	79	82	83	85	87	85	86	86	85	84	81	77	77	75	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←						C	l	e	a	r									→		
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	x 0.8 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	12	10	6	7	8	13	14	15	16	18	21	21	24	22	22	20	14	11	11	11	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:14 Character, Cloudy

Moonrise: 8:04 P.M.

Sunset: Time, 7:02 Character, Cloudy

Moonset: 4:34 A.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	69	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.2 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 89

Prevailing wind direction, SW Total wind 334

Average hourly velocity, 13.9 Extreme velocity, 36

Maximum velocity, 29 Direction, SW

Time began, 2:13 p.m.

Reduced barometer, 30.03 7 a. m. 29.96 7 p. m.

River gage, 2.7 ft

Relative humidity, 74 7 a. m. 54 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

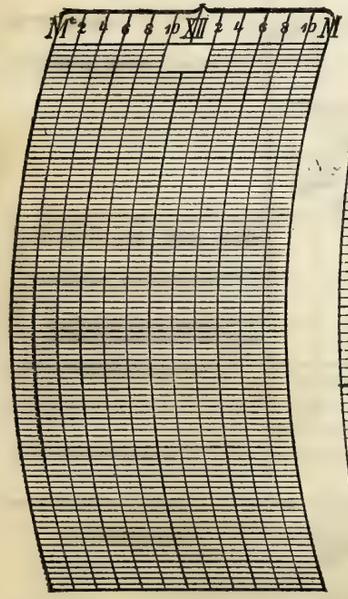
Dry temperature, 84.0 Wet temperature, 69.0

Dew-point, 61 R. humidity, 47 V. pressure, .536

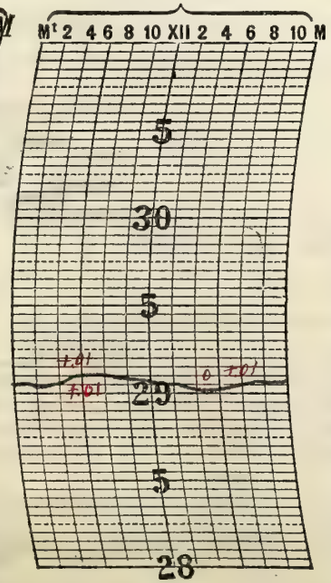
Clouds: Amount, 2; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

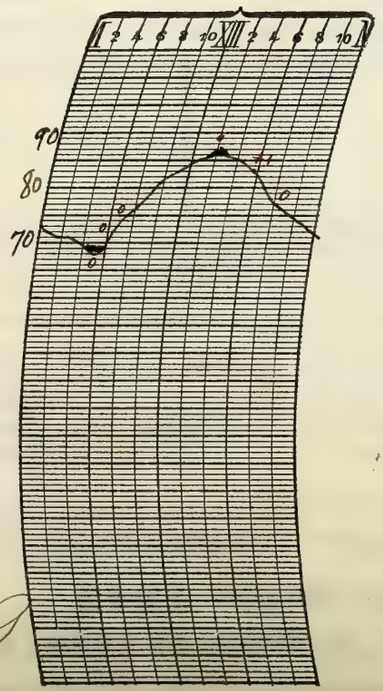
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



x From eye observation

NOTES.

Clear, warm, and delightful weather.

Prepared by A. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 27, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	69	71	75	79	82	85	83	87
State of weather: Nature of precipitation and time of beginning and ending												RS 11:10 RS 11:12
Amounts of precipitation												T
Cloudiness and other conditions	← Pt. Cloudy											
Sunrise: Time, 4:13 Character, Cloudy												
Moonrise: 8:55 P.M.												
Sunshine (in tenths of hours)					0	0.1	0.6	0.8	1.0	1.0	0.9	0.8
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	7	6	7	7	9	9	10	12	13	16	17	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	84	85	85	77	79	74	75	72	71	70	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Clear											
Sunset: Time, 7:03 Character, Cloudy												
Moonset: 5:28 AM												
Sunshine (in tenths of hours)	0.9	1.0	1.0	0.8	0.1	0.5	0	0				
Wind direction	W	W	W	W	NW	SW	SW	SW	SW	NW	NW	N
Wind movement	18	15	15	14	15	10	10	8	5	6	7	4
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	68	78	

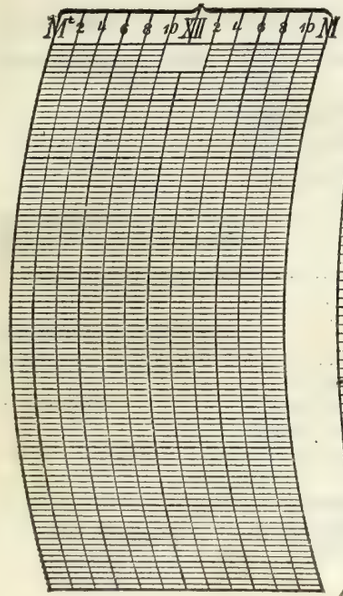
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.5 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind 256
Average hourly velocity, 10.7 Extreme velocity, 39
Maximum velocity, 29 Direction, N
Time began, 12:17 p. m.
Reduced barometer, 30.02 7 a. m. 29.94 7 p. m.
River gage, 2.6 ft.
Relative humidity, 74 7 a. m. 67 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

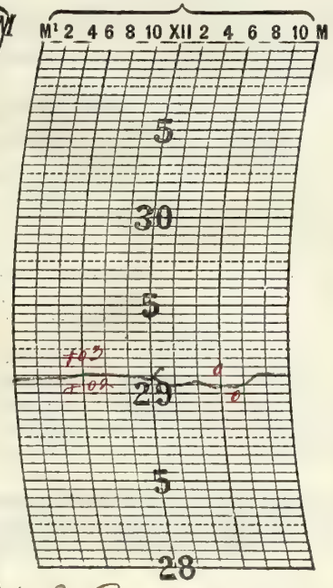
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 66.5
Dew-point, 59 R. humidity, 46 V. pressure, .499
Clouds: Amount, 6; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

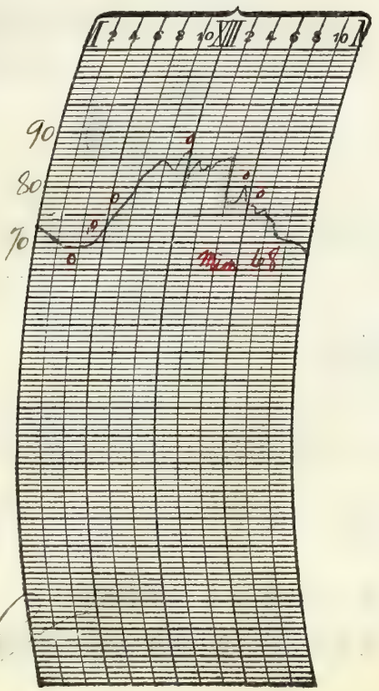
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



x Sunset obscured by bank of St. cloud

NOTES.

Partly Cloudy and warm weather

Prepared by H. S. Borg

Verified by F. M. Thomas

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 28, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	65	64	65	67	69	72	73	76	77	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Pt Cloudy				
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0
Wind direction	N	NW	NW	NW	SW	SW	N	N	NE	NE	NE	NE
Wind movement	4	3	2	2	1	2	2	3	4	5	7	8
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:13 Character, Cloudy

Moonrise: 9:40 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	83	81	79	72	68	6[illegible]	68	68	67	66	65
State of weather: Nature of precipitation and time of beginning and ending				RB 3:45	RE 4:50	RB 5:40	-	-	-	-	-	-
Amounts of precipitation				T	.13	.01	.04	.01	T	T	.03	.02
Cloudiness and other conditions	Clear		Pt Cloudy			Cloudy						
Sunshine (in tenths of hours)	1.0	1.0	0.6	0.2	0	0	0	0				
Wind direction	NE	NE	NE	NE	E	NW	E	NE	E	NE	E	E
Wind movement	10	10	10	11	7	10	8	13	5	8	11	6

Sunset: Time, 7:03 Character, Cloudy

Moonset: 6:28 am

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.5 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 51

Prevailing wind direction, NE Total wind 1521

Average hourly velocity, 6.3 Extreme velocity, 221

Maximum velocity, 16 Direction, SE

Time began, 4:13 p.m.

Reduced barometer, 30.12 7 a. m. 30.13 7 p. m.

River gage, 2.6 ft.

Relative humidity, 78 7 a. m. 57 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M. (Local Mean Time.)

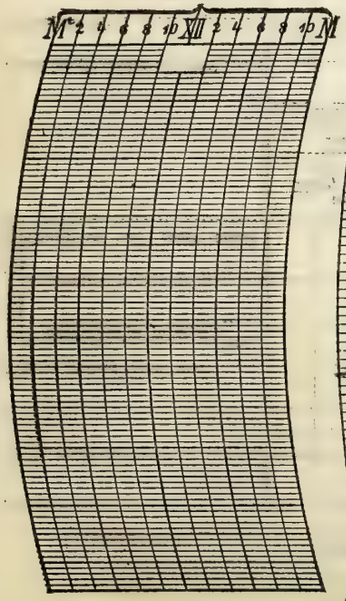
Dry temperature, 78.5 Wet temperature, 69.0

Dew-point, 62 R. humidity, 61 V. pressure, .595

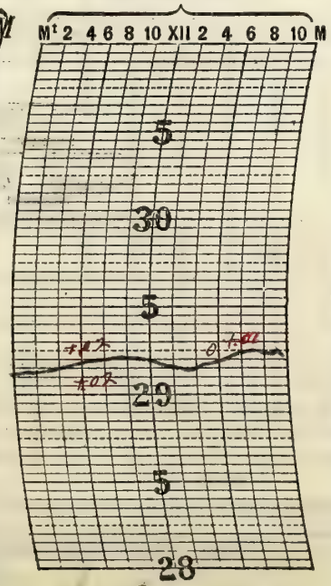
Clouds: Amount, 3; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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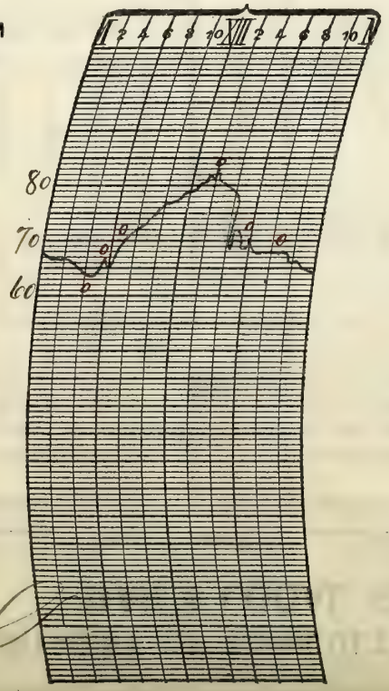


NOTES.

Generally partly cloudy, but increasing cloudiness, threatening and falling temperature in the late afternoon, with rain from 3:45 pm. First thunder was heard at 4 pm; the storm came from the Southwest and continued at intervals into the 29th.

Prepared by J. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 29, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	62	62	[illegible]	[illegible]	64	67	74	78	68
State of weather: Nature of precipitation and time of beginning and ending	—	—	RE 11 N.								R.B 11:38	
Amounts of precipitation	.01	.02	T									.32
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	SE	S	NW
Wind movement	8	5	7	6	7	7	8	6	6	4	5	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	76	76	75	67	67	66	67	67	66	67	66
State of weather: Nature of precipitation and time of beginning and ending	RE 12:10				RB 4:00	RE 5:25 RB 5:43	RE 6:30					
Amounts of precipitation	.01				.06	.11	.01					
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	* 0.4	* 1.0	* 1.0	* 0.2	0	0	0					
Wind direction	NE	NE	NE	E	NE	S	NE	SE	S	E	SE	E
Wind movement	7	5	6	6	9	3	3	2	1	2	3	3

Sunrise: Time, 4:17; Character, Cloudy. Moonrise: 10:19 p.m.

Sunset: Time, 7:04; Character, Cloudy. Moonset: 7:33 a.m.

Maximum velocities (exceeding 29 miles) direction and time:

Excessive precipitation, accumulated amounts:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

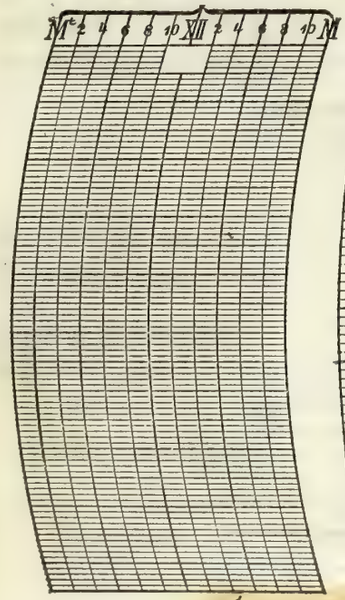
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., .51 ins.
Total precipitation, midnight to midnight, .54 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.1 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 17
Prevailing wind direction, E Total wind 129
Average hourly velocity, 5.4 Extreme velocity, 33
Maximum velocity, 26 Direction, SW
Time began, 4:46 p.m.
Reduced barometer, 30.17 7 a. m. 30.08 7 p. m.
River gage, 2.5 ft
Relative humidity, 93 7 a. m. 92 7 p. m.

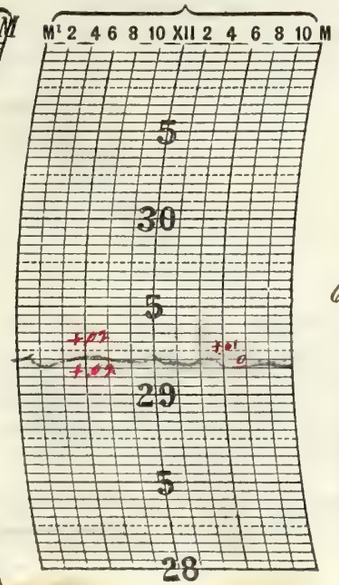
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M. (Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 65.3
Dew-point, 64 R. humidity, 88 V. pressure, 0.95
Clouds: Amount, 9; Kind, Strat-cu; Direction, SW
Velocity of clouds (miles per hour)

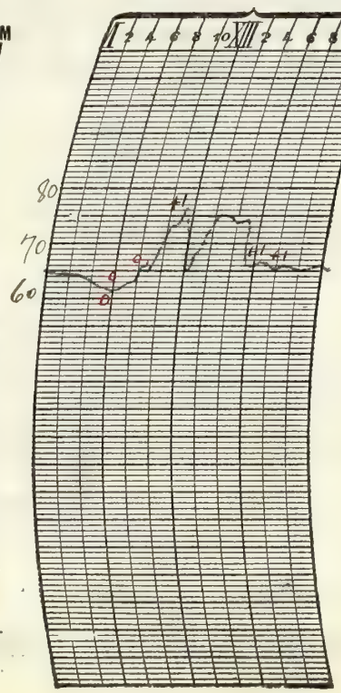
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds

NOTES.

The rain and thunderstorm which began on the 28th ended during the early morning hours.

Cloudy and muggy, with frequent thundershowers.

Thunder first heard at 11:30 am; last heard at 12:10 p.m.; storm came from the northwest

Thunder first heard at 5:00 pm; last heard at 5:25 p.m.; storm came from the west

Prepared by Nelson S. Baxter

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 30, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	66	66	68	70	74	78	80	78	81
State of weather: Nature of precipitation and time of beginning and ending							RB 620	RE 7:15 RB 7:30	RE 8:10			
Amounts of precipitation							T	T	T			
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character	4:12 Cloudy											
Moonrise	10:52 p.m.											
Sunshine (in tenths of hours)					0	0	0	* 0.2	0.1	0.8	0.5	0.9
Wind direction	E	E	E	E	E	E	S	S	SW	SW	W	W
Wind movement	2	3	3	3	3	3	4	8	8	12	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	83	82	81	82	78	75	74	73	76	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy				Clear			
Sunset: Time, Character									7:05 Cloudy			
Moonset									8:41 am			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0.6	0	0				
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	13	16	15	13	12	7	5	3	5	3	1	6

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	66	74	

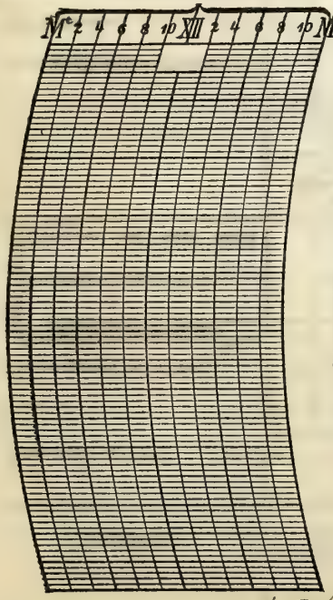
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.8 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 52
Prevailing wind direction, W Total wind 172
Average hourly velocity, 7.2 Extreme velocity, 22
Maximum velocity, 19 Direction, W
Time began, 2:21 p.m.
Reduced barometer, 30.09 7 a. m. 29.96 7 p. m.
River gage, 4.38 ft
Relative humidity, 90 7 a. m. 72 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

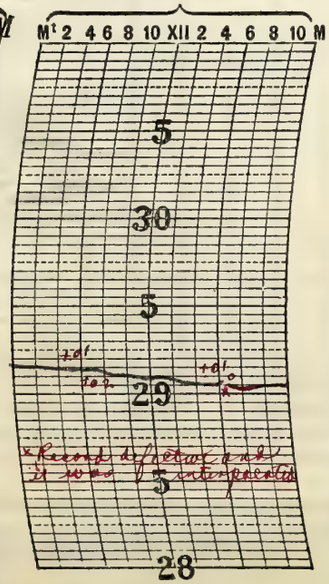
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 73.0
Dew-point, 70, R. humidity, 68 (61.54) V. pressure, .732
Clouds: Amount, 6; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

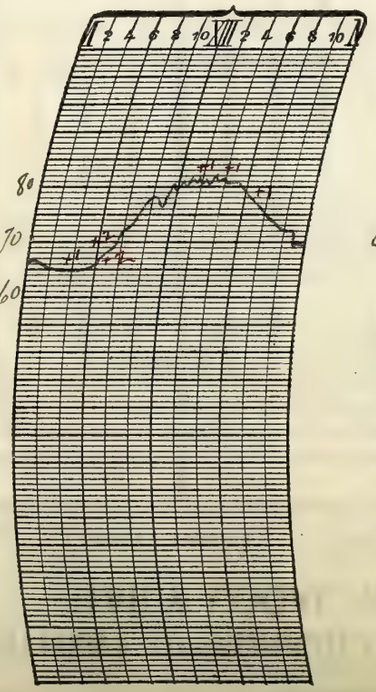
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

The day opened cloudy, with rain in the early part of the forenoon but the clouds began to break up in the late forenoon, and the afternoon was generally partly cloudy. Except that the evening was somewhat muggy, it was quite pleasant after 10 am.

Prepared by N S Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 31, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	70	69	70	72	74	82	83	86	88	88	88	88	88	88	85	84	82	79	77	77	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear					Pt. Cldy					Clear				Pt. Cldy					
Sunrise: Time, 4:11; Character, Clear																					Sunset: Time, 7:06; Character, Cloudy			
Moonrise: 11:25 P.M.																					Moonset: 9:57 A.M.			
Sunshine (in tenths of hours)					0.82 0	1.0 0	0.2 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW	SW
Wind movement	7	6	3	5	7	7	7	10	11	13	16	14	15	16	15	14	12	12	9	10	11	11	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	69	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 84

Prevailing wind direction, SW Total wind 257

Average hourly velocity, 10.7 Extreme velocity, 21

Maximum velocity, 19 Direction, SW

Time began, 12:52 P.M.

Reduced barometer, 29.97 7 a. m. 29.81 7 p. m.

River gage, 5.0 ft.

Relative humidity, 80 7 a. m. 63 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:28 P.M.
(Local Mean Time.)

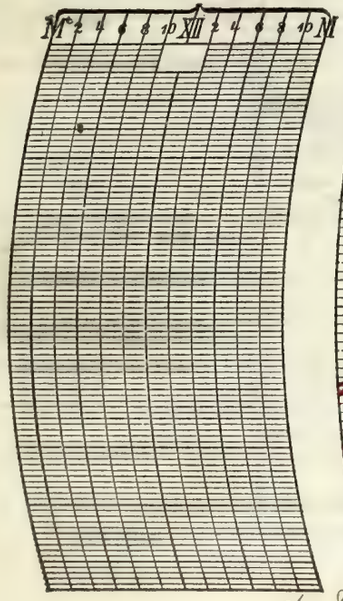
Dry temperature, 87.0 Wet temperature, 72.0

Dew-point, 65 R. humidity, 48 V. pressure, 616

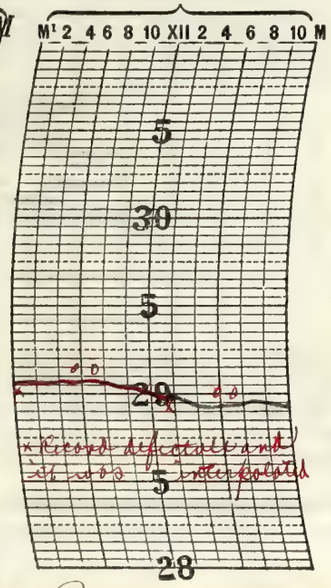
Clouds: Amount, 5; Kind, Cu.; Direction, SW

Velocity of clouds (miles per hour)

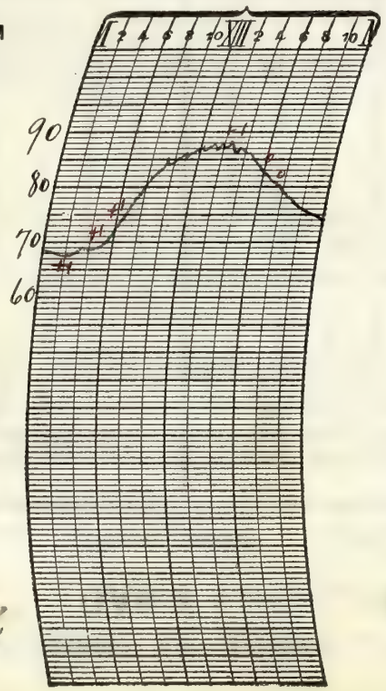
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and warm.

Prepared by H. S. Baker

Verified by O. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 1, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	73	74	76	77	79	82	83	83	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear			Pt Cloudy				
Sunshine (in tenths of hours)					0.82 / 0	0.4 / 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	*10	*11	*12	*14	*17	*15	18	22	22	22	25	25
Maximum velocities (exceeding 29 miles) direction and time											30 SW 10:44	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	80	80	79	79	77	74	72	71	69	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy				Pt Cloudy			
Sunshine (in tenths of hours)	1.0	0.7	*0.1	*0.4	*0.2	0	0	0				
Wind direction	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	23	24	17	15	14	12	10	7	8	8	8	6
Maximum velocities (exceeding 29 miles) direction and time		32 SW 1:15										

Sunrise: Time, 4:11 Character, Clear

Moonrise: 11:55 pm

Sunset: Time, 7:07 Character, Cloudy

Moonset: - - -

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, Last Quarter

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 11.2 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 68

Prevailing wind direction, SW Total wind 365

Average hourly velocity, 15.2 Extreme velocity, 38

Maximum velocity, 32 Direction, SW

Time began, 1:15 p. m.

Reduced barometer, 29.83 7 a. m. 29.96 7 p. m.

River gage, 4.3 ft

Relative humidity, 6 7 a. m. 6 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

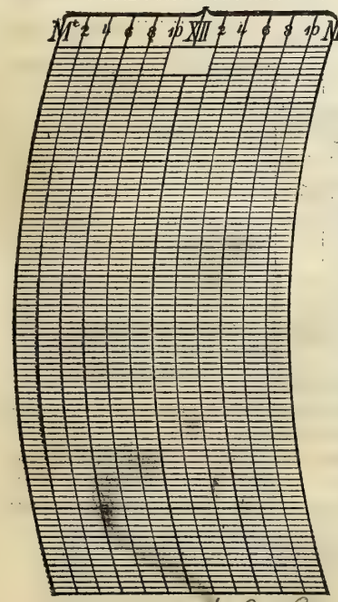
Dry temperature, 84.0 Wet temperature, 68.0

Dew-point, 60 R. humidity, 44 V. pressure, .517

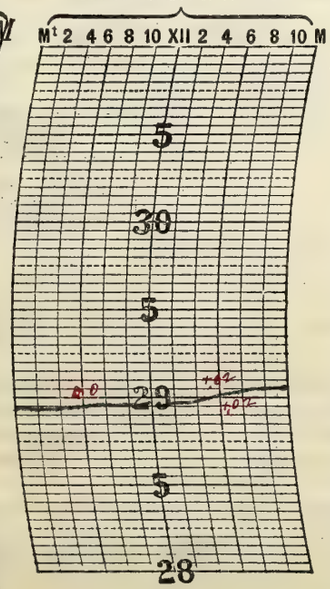
Clouds: Amount, 2 4; Kind, Cu; Direction, W SW

Velocity of clouds (miles per hour)

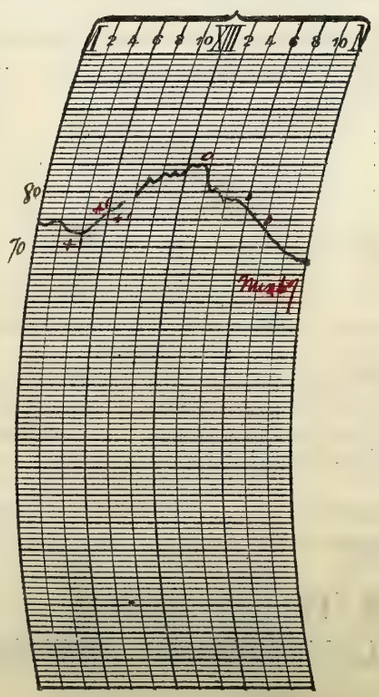
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES

* Sun shining through detached clouds.

* Hourly wind movement interpolated from 12 midnight until 5:45 am

* For 18 hours and 15 minutes

Clear in the early morning but increasing cloudiness during the day - Moderate temperatures.

Prepared by M. S. Baxter

Verified by F. M. Dorrough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 2, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	65	66	67	67	69	71	73	76	77	80	80	80	78	76	78	74	71	70	68	67	65
State of weather: Nature of precipitation and time of beginning and ending										RA 9-10 RE														
Amounts of precipitation										T														
Cloudiness and other conditions				Pt Cloudy				Cloudy			Pt Cloudy					Cloudy			Clear					
Sunshine (in tenths of hours)					0	0	0	0	0	0	1.0	0.9	1.0	1.0	0.8	0.2	0.3	0.3 0.7	1.0 0	0.12 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	NW	SW	S	SW	SW	SW	W	NW	N	NW	NW	NW	NW	NW	NW
Wind movement	6	5	5	6	6	5	6	4	5	3	6	8	11	11	11	11	8	4	4	5	2	1	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:10; Character, Cloudy

Moonrise: — —

Sunset: Time, 7:07; Character, Clear

Moonset: 12:12 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.3 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 49

Prevailing wind direction, SW Total wind 137

Average hourly velocity, 5.7 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 3:08 p. m.

Reduced barometer, 30.08 7 a. m. 30.09 7 p. m.

River gage, 4.0 ft.

Relative humidity, 82 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. 12:35 P.M.
(Local Mean Time.)

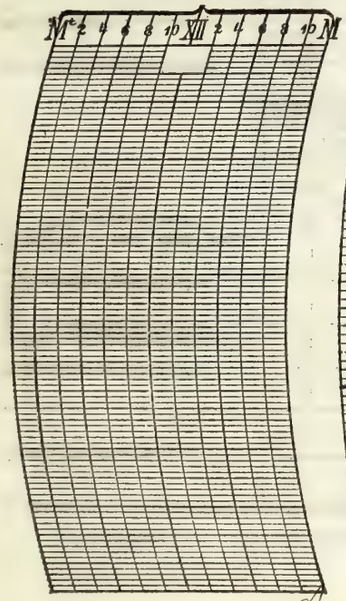
Dry temperature, 77.9 Wet temperature, 66.0

Dew-point, 59 R. humidity, 53 V. pressure, .499

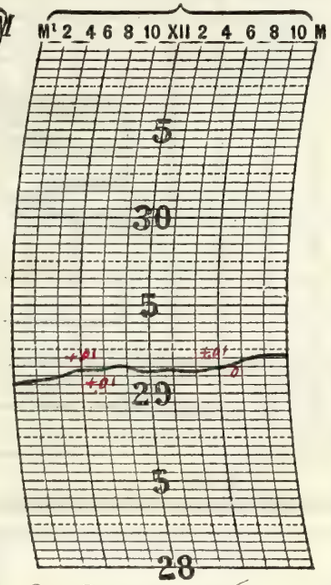
Clouds: Amount, 3; Kind, Cu-Sc; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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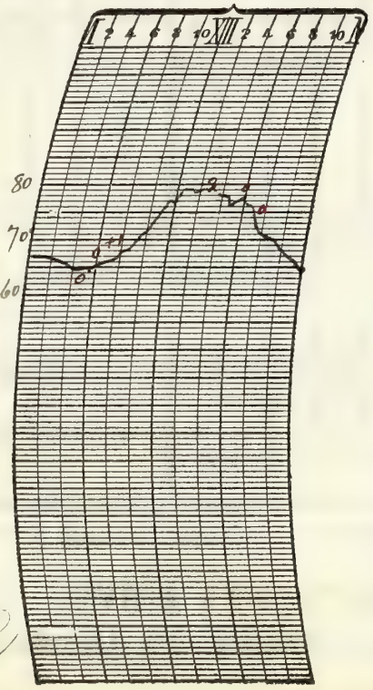


NOTES.

First half of day generally partly cloudy; latter afternoon and night clear. Pleasant temperatures.

Prepared by W. S. Baker

Verified by F. W. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 3, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	62	61	65	68	71	74	74	77	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunshine (in tenths of hours)					0.83 0	0.14 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	N	N	NE	NE	E	SE	S	S
Wind movement	2	2	2	2	1	1	3	6	4	6	7	7
Maximum velocities (exceeding 22 miles) direction and time												
Excessive precipitation, accumulated amounts												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	82	83	81	80	78	76	72	71	70	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	S	S	W	W	NW	NW	NW	0	NE	SE	S	S
Wind movement	8	7	9	7	7	6	2	0	1	1	2	5
Maximum velocities (exceeding 22 miles) direction and time												
Excessive precipitation, accumulated amounts												

Sunrise: Time, 4:10 Character, Clear

Moonrise: 12:25 a.m.

Sunset: Time, 7:08 Character, Cloudy

Moonset: 1:23 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2.1

Actual sunshine, hours, 12.6 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 84

Prevailing wind direction, NW Total wind 98

Average hourly velocity, 4.1 Extreme velocity, 11

Maximum velocity, 11 Direction, S

Time began, 12:39 p.m.

Reduced barometer, 30.23, 7 a. m. 30.08, 7 p. m.

River gage, 3.9 ft.

Relative humidity, 65 7 a. m. 40 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1:38 P.M.
(Local Mean Time.)

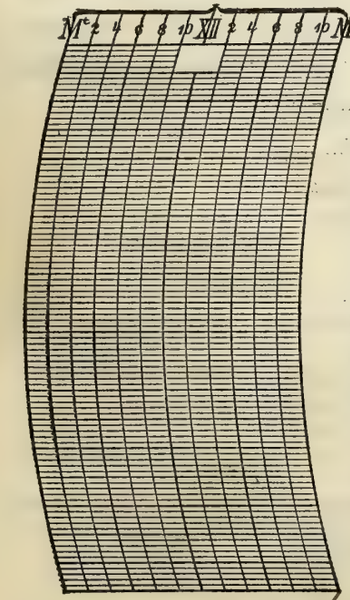
Dry temperature, 79.0 Wet temperature, 62.8

Dew-point, 53 R. humidity, 40 V. pressure, 402

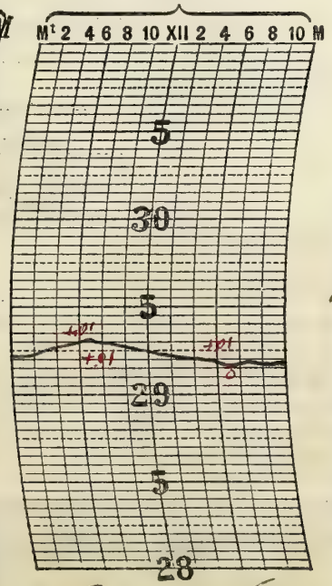
Clouds: Amount, 1; Kind, Cu St; Direction, W

Velocity of clouds (miles per hour)

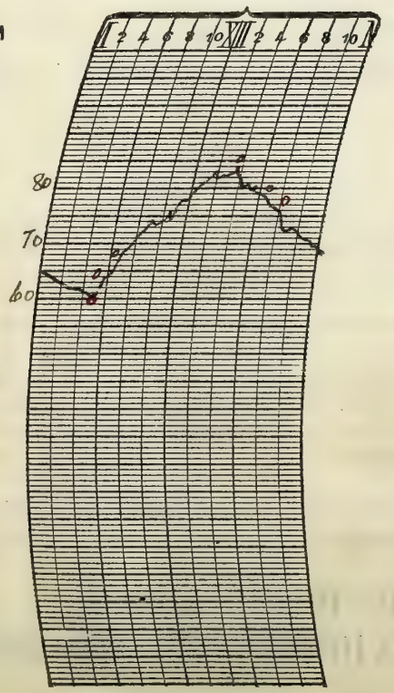
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and pleasant weather, but partly cloudy in the evening.

Prepared by H. S. Baker

Verified by D. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) June 4, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	65	66	68	71	76	80	80	82	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy →							
Sunshine (in tenths of hours)					0	0	0	0.8	0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	6	8	6	8	9	10	9	10	11	14	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	83	83	80	80	80	77	73	71	69	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy →			← Clear →				
Sunshine (in tenths of hours)	* 1.0	* 1.0	* 1.0	* 0.7	0.2	0.6 0.3	1.0 0	0.15 0				
Wind direction	W	W	W	NW	NW	N	N	N	NE	NE	NE	NE
Wind movement	14	11	10	9	10	8	5	4	4	6	6	4

Sunrise: Time, 4.10 Character, Cloudy

Moonrise: 12.26 AM

Sunset: Time, 7.09 Character, Clear

Moonset: 2.36 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.6 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 71

Prevailing wind direction, SW Total wind 213

Average hourly velocity, 8.9 Extreme velocity, 23

Maximum velocity, 20 Direction, SW.

Time began, 10:22 a.m.

Reduced barometer, 30.15 7 a. m. 30.09 7 p. m.

River gage, 3.8 ft.

Relative humidity, 69 7 a. m. 58 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2.38 PM
(Local Mean Time.)

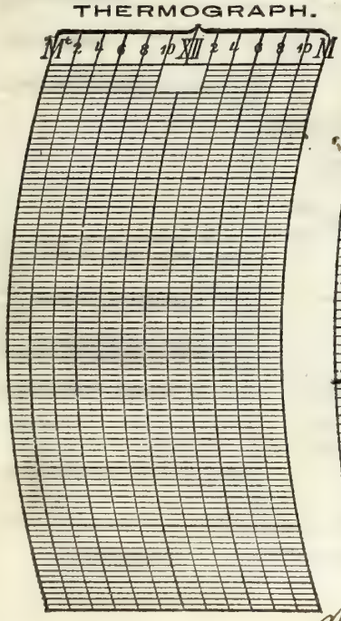
Dry temperature, 82.0 Wet temperature, 66.7

Dew-point, 58 R. humidity, 45 V. pressure, .482

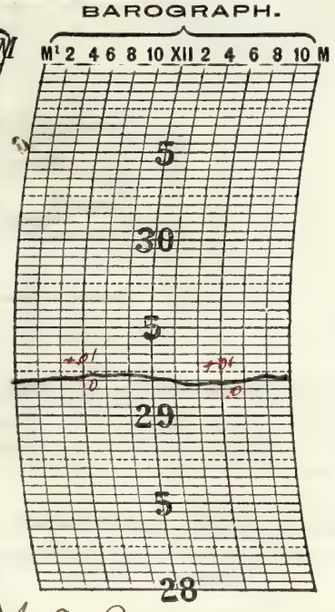
Clouds: Amount, 6 ; Kind, Cu St ; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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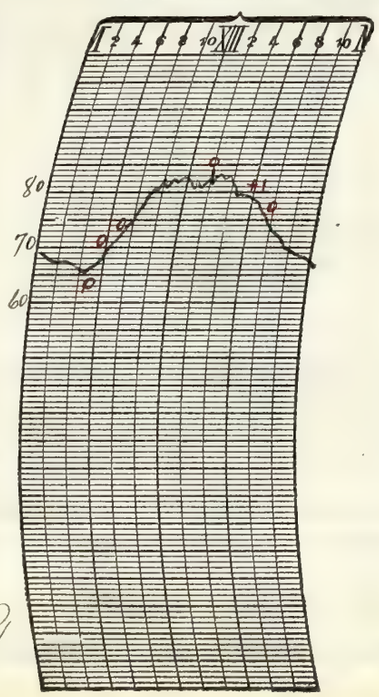


* Sun shining through detached clouds.

NOTES.

Generally Partly Cloudy
Afternoon Cirrus Clouds prevailing
during the day. Continued
Moderate temperatures.

Prepared by A. S. Birkir

Verified by P. McAdorough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 5, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	62	61	[illegible]	[illegible]	69	72	75	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt. Cloudy				Clear			Pt.	
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	5	6	6	6	8	8	9	8	12	13	9	10

Sunrise: Time, 4:09; Character, Cloudy. Moonrise: 1:29 am

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	80	79	79	77	75	72	70	66	65	65	62
State of weather: Nature of precipitation and time of beginning and ending								RB 7:30		RE 9:30		
Amounts of precipitation								T	.05	.01		
Cloudiness and other conditions				Pt. Cloudy		Clear		Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	0.7	0.5	0.8	0	0	0				
Wind direction	E	E	NE	E	E	E	E	NE	E	E	E	E
Wind movement	10	12	13	13	13	14	12	6	7	11	7	6

Sunset: Time, 7:09; Character, Cloudy. Moonset: 3:50 p.m.

Maximum velocities (exceeding 24 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

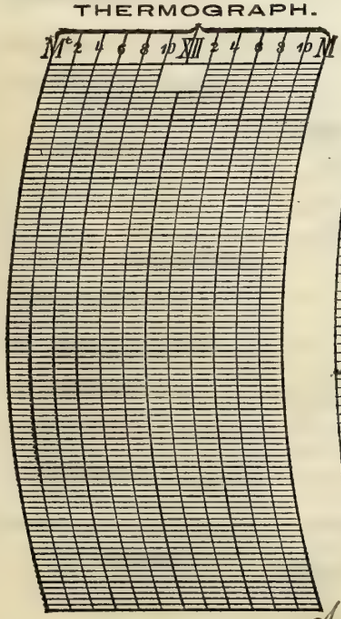
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	62	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 65
Prevailing wind direction, E Total wind 224
Average hourly velocity, 9.3 Extreme velocity, 21
Maximum velocity, 17 Direction, NE
Time began, 8:44 p.m.
Reduced barometer, 30.18 7 a. m. 30.08 7 p. m.
River gage, 3.2 3.2
Relative humidity, 78 7 a. m. 75 7 p. m.

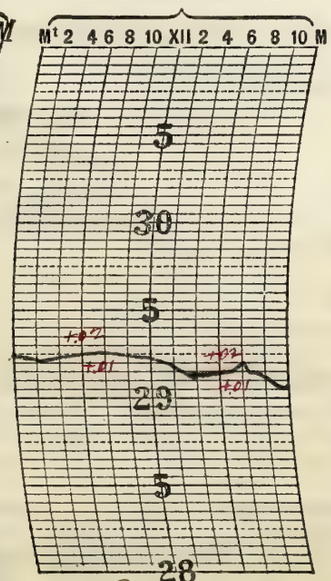
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 78.7 Wet temperature, 68.8
Dew-point, 64 R. humidity, 60 V. pressure, .595
Clouds: Amount, 3; Kind, Cu St; Direction, NW
Velocity of clouds (miles per hour)

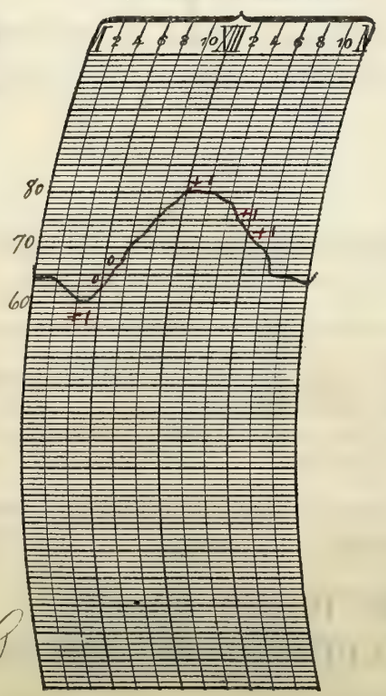
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was generally partly cloudy, but it became cloudy and threatening in the late afternoon, with a thunderstorm from the West beginning at 6.50 pm and continuing at intervals into the next day. Light rain began at 7.30 pm and ended at 9.30 pm. Moderate temperatures prevailed, but the weather was somewhat muggy.

Prepared by F. S. Baker

Verified by F. M. Dorweiler

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) June 6, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	65	66	67	68	72	74	74	76	78
State of weather: Nature of precipitation and time of beginning and ending	RB D.N.	-	-	RE D.N.								
Amounts of precipitation	T	.11	0.8	T								
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	*0.4	*0.7	*0.6	0.3
Wind direction	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	SW
Wind movement	8	8	7	8	7	11	11	13	14	13	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	80	78	63	65	65	64	64	65	65	63
State of weather: Nature of precipitation and time of beginning and ending					RB 4:38	-	-	RE 7:55				
Amounts of precipitation					.20	.18	.10	T				
Cloudiness and other conditions	Pt. Cloudy				Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	W	NW	S	SW	NW	NW	W	NW
Wind movement	16	16	14	12	15	5	6	6	4	6	4	6

Sunrise: Time, 4:09; Character, Cloudy. Moonrise: 2:07 a.m.

Sunset: Time, 7:10; Character, Cloudy. Moonset: 5:03 p.m.

Maximum velocities (exceeding 29 miles) direction and time: 4:42 p.m. 38 NW

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

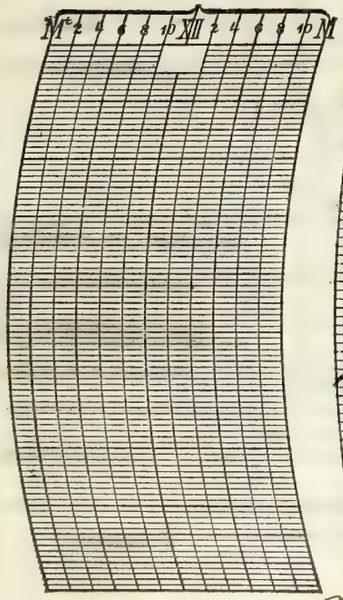
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	63	72	

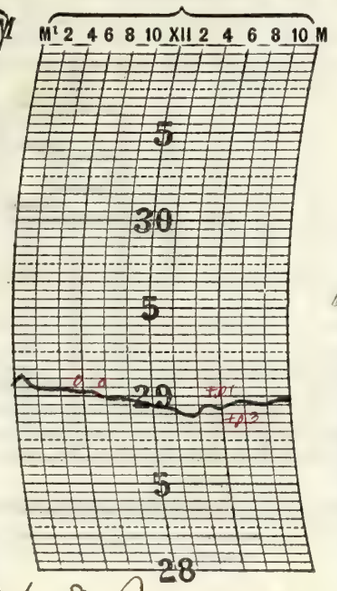
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 2.5 ins.; to 7 p. m., 4.8 ins.
Total precipitation, midnight to midnight, 6.7 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.3 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 35
Prevailing wind direction, SW Total wind 240
Average hourly velocity, 10.0 Extreme velocity, 43
Maximum velocity, 38 Direction, NW
Time began, 4:42 p.m.
Reduced barometer, 29.93 7 a. m. 29.90 7 p. m.
River gage, 2.8 ft.
Relative humidity, 89 7 a. m. 97 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 77.3 Wet temperature, 70.8
Dew-point, 68 R. humidity, 73 V. pressure, .68
Clouds: Amount, 7; Kind, St. Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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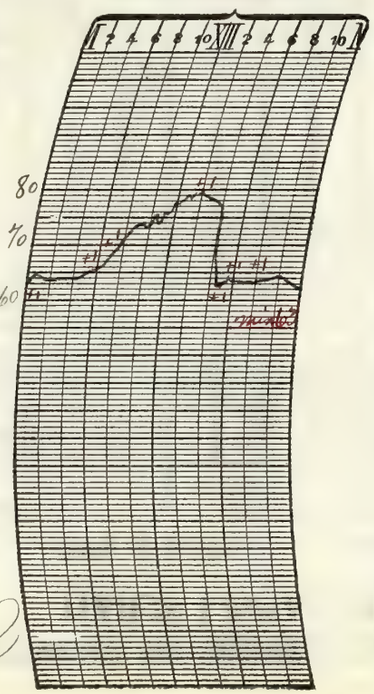


Prepared by N. S. Baker

Verified by P. McDonough

8—486

*Sun shining through detached clouds.

NOTES.

The thunderstorm that continued from last night ended in the early hours of the morning. It was attended by showers until nearly 3 a.m.

Generally cloudy; threatening in the afternoon, with rain from 4:38 p.m. to 7:55 p.m., and thunderstorm of moderate intensity prevailed from 4:27 p.m. to 7:55 p.m.; the storm came from the west.

Mild temperatures prevailed during the greater part of the day, but during the storm the weather became decidedly cooler and the wind for a short period attained a velocity of 38 miles.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) June 7, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	60	60	60	62	63	63	63	63	66	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunshine (in tenths of hours)					0.85 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	N	N	N	N	NE	N	N	N	NW
Wind movement	5	5	6	5	6	6	10	13	10	10	13	12

Sunrise: Time, 4:09 Character, Clear
Moonrise: 2:52 am

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	69	68	66	65	59	57	55	55	54	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy →							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0	0.17 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	13	14	15	12	12	10	7	5	6	4	5

Sunset: Time, 7:10 Character, Clear
Moonset: 6:11 P.M.

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

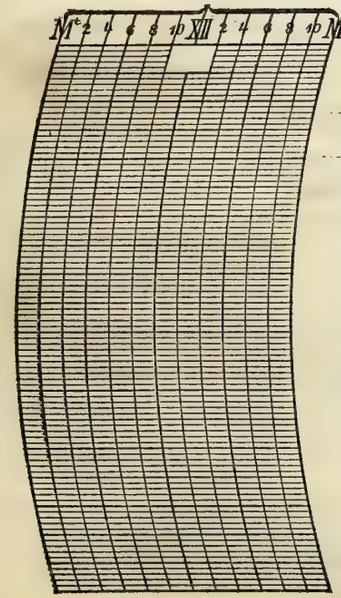
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	52	60	-

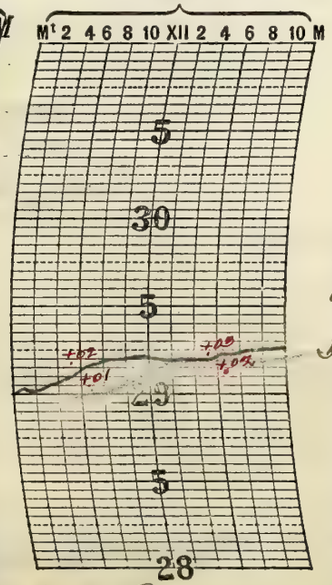
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine,
Prevailing wind direction, NW Total wind 218
Average hourly velocity, Extreme velocity, 21
Maximum velocity, 18 Direction, NW
Time began, 10:41 a. m.
Reduced barometer, 30.09 7 a. m. 30.17 7 p. m.
River gage, 3.3 ft.
Relative humidity, 66 7 a. m. 50 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:34 P.M.
(Local Mean Time.)
Dry temperature, 67.0 Wet temperature, 52.0
Dew-point, 38 R. humidity, 34 V. pressure, .228
Clouds: Amount, 4; Kind, Ci St. Cu St.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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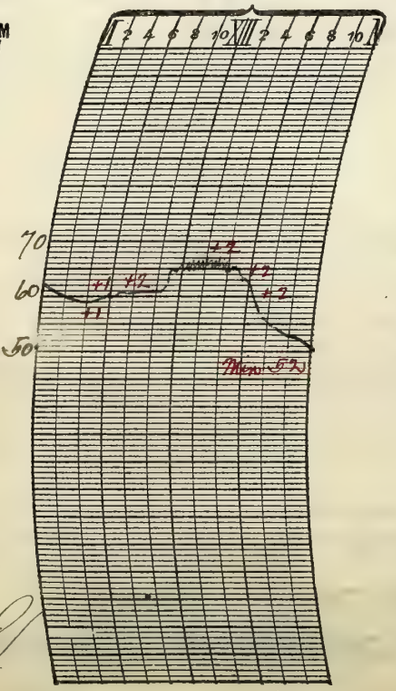


NOTES.

Clear to partly cloudy weather alto-stratus clouds prevailing. Moderately cool with a sharp fall in temperature after 6 p.m.

Prepared by H. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 8, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49	51	56	59	64	67	68	69	70	71	72	74	75	73	72	70	66	65	63	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Clear											→			
Sunshine (in tenths of hours)					0.85 c	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	1.0 0	0				
Wind direction	N	N	NE	NE	NE	NE	E	SE	S	S	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	3	1	2	1	2	4	4	9	10	11	11	13	12	13	10	10	6	4	5	4	5	4	4
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 4:09; Character, Clear. Moonrise: 3:45 AM

Sunset: Time, 7:11; Character, Cloudy. Moonset: 7:16 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

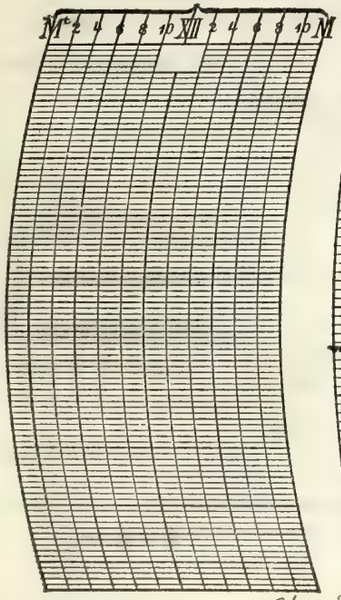
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	49	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase, New Moon 4:03 P
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind 152
Average hourly velocity, 6.3 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 1:31 p. m.
Reduced barometer, 30.24 7 a. m. 30.067 p. m.
River gage, 5.1 ft
Relative humidity, 48 7 a. m. 56 7 p. m.

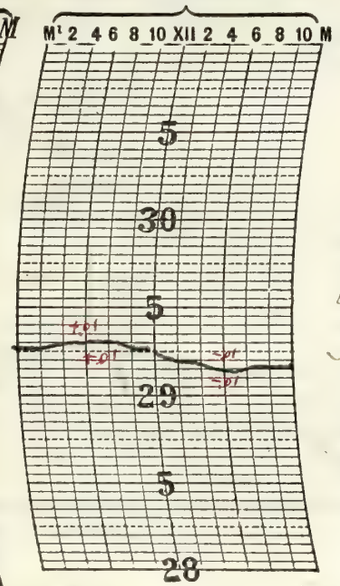
OBSERVATIONS AT ~~12 NOON.~~ 12:28 PM (Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 53.7
Dew-point, 40 R. humidity, 35 V. pressure, .247
Clouds: Amount, 1; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

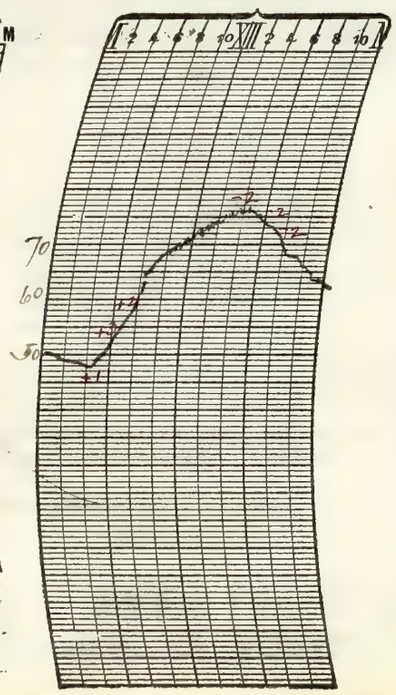
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. H. Baker

Verified by J. M. Donough

8—486

× From eye observations

NOTES.

A partial solar eclipse was observed from about 4:30 pm till 6:30 pm. During the progress of the eclipse the weather was fine, the sky cloudless, there was no abnormal change in the temperature, and a light southwest breeze prevailed. Shortly after the eclipse a few alto-stratus clouds began to form in the northwest and extend eastward along the northern horizon.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 9, 191[illegible]

Time (local standard), 7th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	57	56	58	64	70	74	76	77	79	80	81	80	81	78	76	74	73	72	71	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt.		Cloudy									Cloudy				
Sunshine (in tenths of hours)					0	0	0.8	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.4	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	W
Wind movement	4	8	6	8	8	8	8	7	11	11	12	11	14	12	13	14	12	8	7	7	8	7	4	2
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:08; Character, Cloudy. Moonrise: 4:43 am

Sunset: Time, 7:12; Character, Cloudy. Moonset: 8:08 p.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	56		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.7 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 64

Prevailing wind direction, SW Total wind 210

Average hourly velocity, 8.8 Extreme velocity, 17

Maximum velocity, 16 Direction, SW

Time began, 2:31 p. m.

Reduced barometer, 30.08 7 a. m. 29.99 7 p. m.

River gage, 4.5 ft

Relative humidity, 59 7 a. m. 51 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)

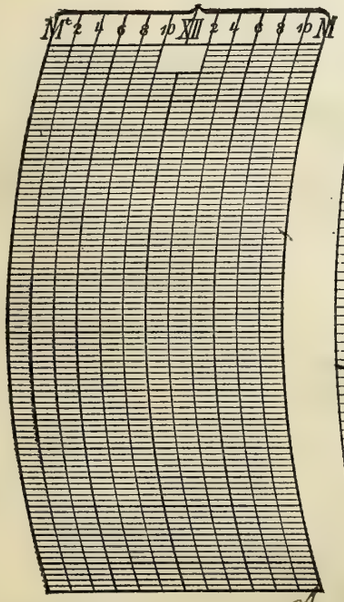
Dry temperature, 77.5 Wet temperature, 62.0

Dew-point, 52 R. humidity, 41 V. pressure, .387

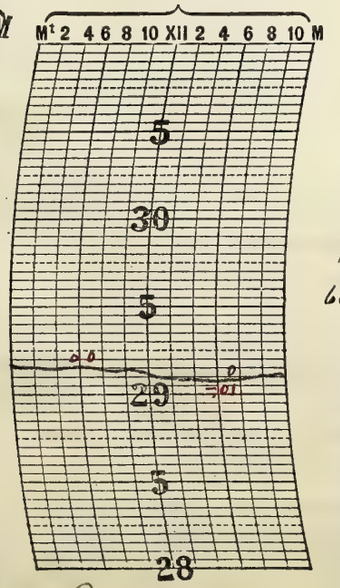
Clouds: Amount, 4; Kind, Ci. St. Ci. Cu.; Direction, NW

Velocity of clouds (miles per hour)

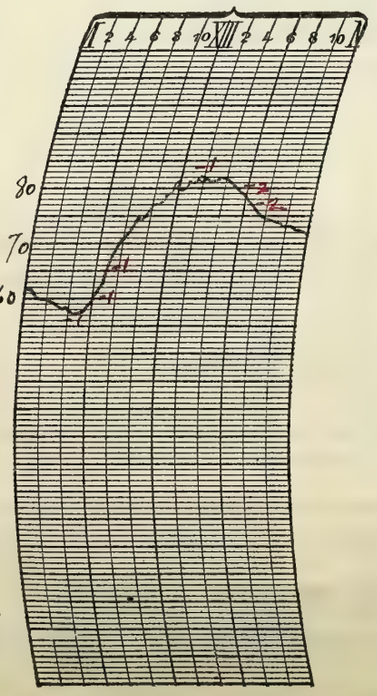
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy and pleasantly warm weather.

Prepared by A. S. Baker

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 10, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	67	66	64	64	63	62	64	64	66	68	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0	1.0	0.4
Wind direction	NW	NW	NW	NW	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	3	5	3	3	4	5	4	5	5	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	75	73	72	71	71	68	66	64	63	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy						Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	0.6	0.1	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	7	6	8	7	6	10	8	8	7	11	9	8

Sunrise: Time, 4.05; Character, Cloudy. Moonrise: 5:46 am

Sunset: Time, 7.12; Character, Cloudy. Moonset: 9.03 pm

Maximum velocities (exceeding 25 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

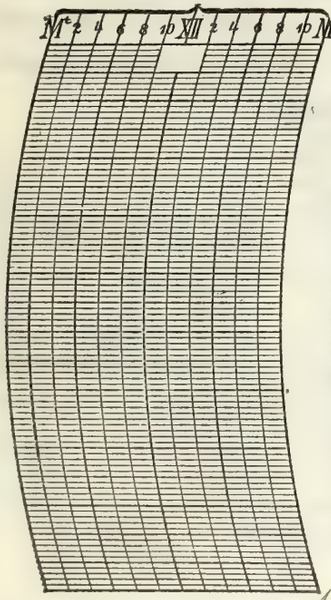
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	60	68	

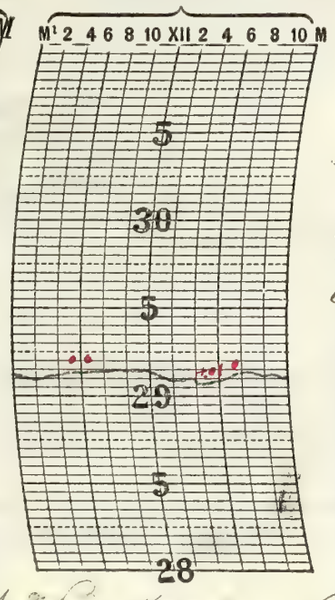
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 27
Prevailing wind direction, NE Total wind 146
Average hourly velocity, 6.1 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 4:19 p. m.
Reduced barometer, 30.03 7 a. m. 30.02 7 p. m.
River gage, 4.3 ft.
Relative humidity, 93 7 a. m. 81 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 76.2 Wet temperature, 65.1
Dew-point, 59 R. humidity, 55 V. pressure, .499
Clouds: Amount, 7; Kind, Strat St; Direction, E
Velocity of clouds (miles per hour)

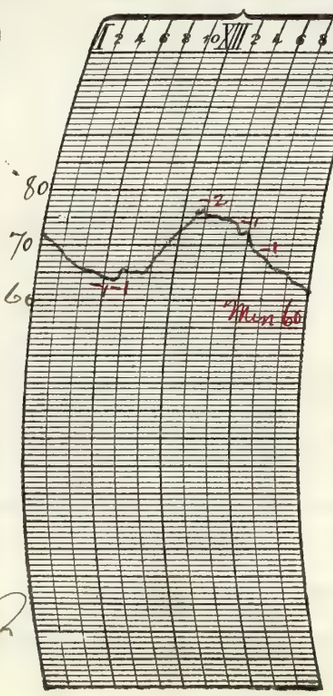
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moderate temperatures and generally cloudy weather, with Stratus to Strato Cumulus clouds prevailing. Threatening at intervals during the afternoon.
Light fog during a part of the forenoon.

Prepared by A. S. Baker
Verified by J. M. Flannery

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) June 11, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	58	60	62	67	70	74	79	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt. Cloudy						
Sunshine (in tenths of hours)					0	0	0.6	0.5	1.0	1.0	1.0	1.0
Wind direction	E	E	E	SE	SE	SE	SE	S	S	SW	SW	SW
Wind movement	6	7	6	3	3	4	6	9	10	12	14	16

Sunrise: Time, 4:08; Character, Cloudy. Moonrise: 6:51 AM

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	87	88	88	87	86	83	81	81	78	75	
State of weather: Nature of precipitation and time of beginning and ending									RB 8:25 RE 8:30			
Amounts of precipitation									T			
Cloudiness and other conditions						Clear			Partly Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	×0.5 0.5	×0.7 0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	W
Wind movement	19	21	22	21	20	19	17	16	18	13	10	10

Sunset: Time, 7:13; Character, Cloudy. Moonset: 9:31 PM.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

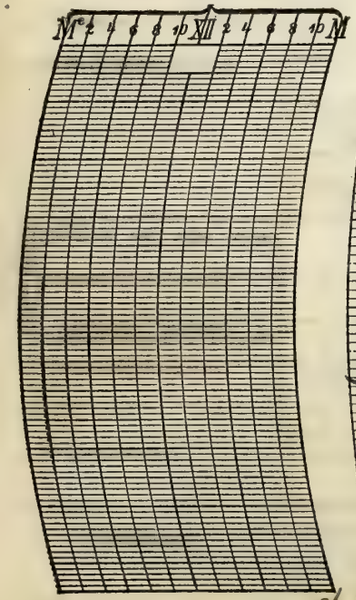
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	57	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 78
Prevailing wind direction, SW Total wind 302
Average hourly velocity, 12.6 Extreme velocity, 30
Maximum velocity, 27 Direction, SW
Time began, 2:22 p.m.
Reduced barometer, 29.96 7 a. m. 29.60 7 p. m.
River gage, 4.6 ft.
Relative humidity, 76 7 a. m. 64 7 p. m.

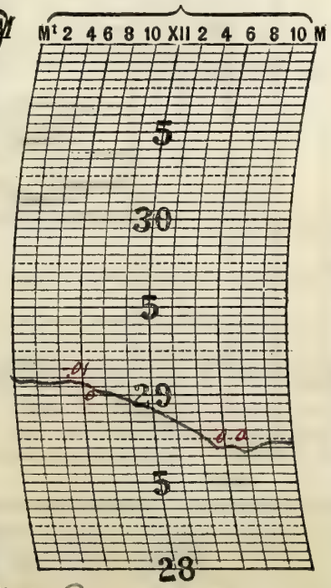
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 81.7 Wet temperature, 70.0
Dew-point, 64 R. humidity, 56 V. pressure, .595
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

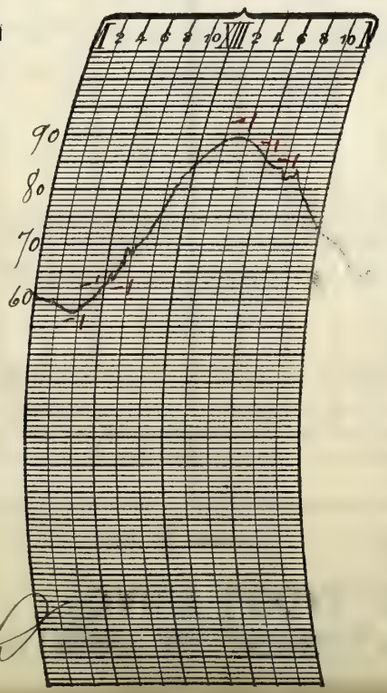
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



× From eye observations

NOTES.

Decreasing cloudiness from the early morning observation, the day being generally clear, but the weather became suddenly cloudy after the pm. observation, and lightning was observed in the north at 10:15 pm. Mild temperatures obtained during the forenoon, but the weather became decidedly warm after mid day, the highest temperature reached being 88°.

Prepared by H. S. Baker

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 12, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	65	62	62	64	65	66	66	67	66	64	63	63	61	61	[illegible]	61	60	59	57	54	52	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear							Pt Cloudy					Cloudy						
Sunshine (in tenths of hours)					0.87 / 0	0.5 / 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0	0				
Wind direction	W	W	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	NW
Wind movement	9	7	8	6	7	7	14	16	20	21	23	23	24	23	20	19	14	14	8	8	8	7	7	6

Sunrise: Time, 4:08; Character, Clear. Moonrise: 4:56 am

Sunset: Time, 7:43; Character, Cloudy. Moonset: 10:03 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

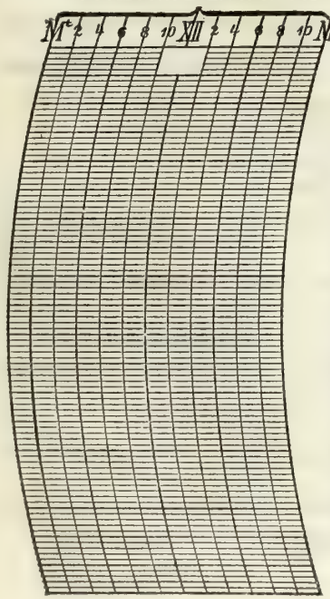
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	51	61	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy. Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 70
Prevailing wind direction, NW Total wind 319
Average hourly velocity, 13.3 Extreme velocity, 32
Maximum velocity, 25 Direction, NW.
Time began, 11:25 a.m.
Reduced barometer, 29.72 7 a. m. 29.92 7 p. m.
River gage, 3.3 ft.
Relative humidity, 61 7 a. m. 58 7 p. m.

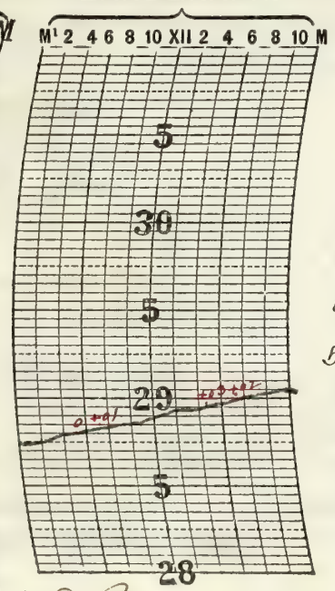
OBSERVATIONS AT ~~12 NOON~~ 12:35 P.M.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 55.8
Dew-point, 52 R. humidity, 68 V. pressure, .387
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

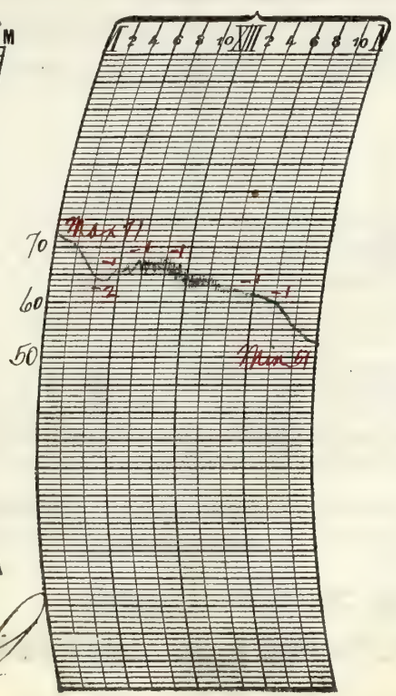
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness from the morning observation, with the day generally partly cloudy and clear in the late night. Decidedly cooler, the highest temperature being 67°. Moderate northwest winds prevailed.

Prepared by A. S. Baker

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) June 13, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	49	48	47	51	54	61	63	66	68	70	74	74	75	75	73	73	70	68	67	67	67	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear								→	Pt Cloudy	X	Cloudy					
Sunrise: Time, 4:08 Character, Clear																					Sunset: Time, 7:14 Character, Cloudy			
Moonrise: 859 am																					Moonset: 1030 pm			
Sunshine (in tenths of hours)					0.87 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0				
Wind direction	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	W	SW	W	SW	SW	SW	N	W	SW	S
Wind movement	6	5	4	4	3	5	6	10	9	8	9	10	10	9	11	11	12	9	9	6	4	3	1	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

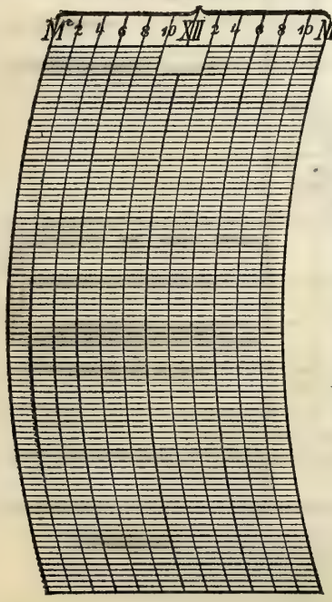
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	47	61	

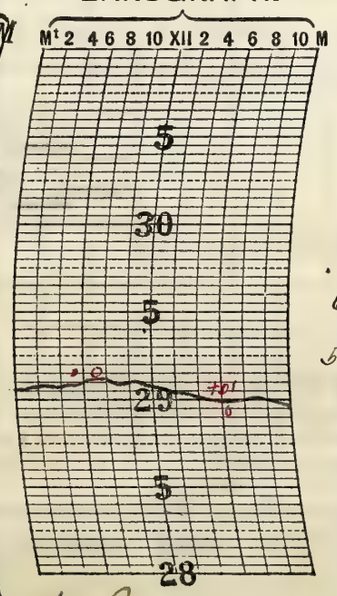
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 85
Prevailing wind direction, NW Total wind 169
Average hourly velocity, 7.0 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 3:51 p. m.
Reduced barometer, 30.03 7 a. m. 29.91 7 p. m.
River gage, 2.8 ft.
Relative humidity, 81 7 a. m. 62 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm.
(Local Mean Time.)
Dry temperature, 68.0 Wet temperature, 59.0
Dew-point, 53 R. humidity, 59 V. pressure, .402
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

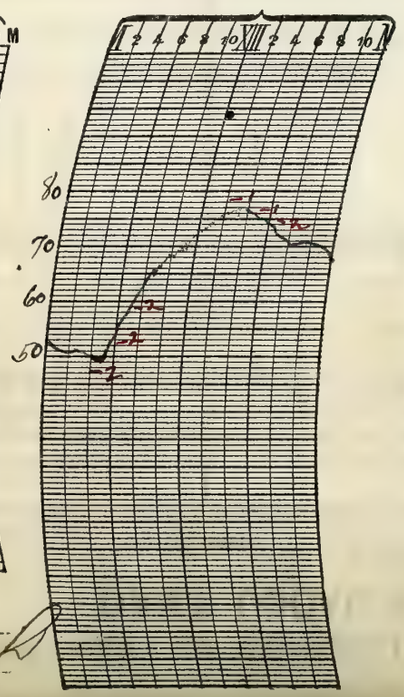
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew in the early morning. Clear until about 11 am, when clouds began to form, and although the day was generally clear, the weather was cloudy at both of the ppm. observations. Pleasant temperature obtained in the afternoon but the weather was quite cool in the early morning, with a minimum temperature of 47°.

Prepared by F. S. Baker

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) June 14, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	60	59	60	64	67	72	73	75	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Pt.	Cloudy			
Sunrise: Time, Character	4:08 Cloudy											
Moonrise	10:00 AM											
Sunshine (in tenths of hours)					0	0	0	0	0.3	1.0	1.0	0.8
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	N	N	NE	N
Wind movement	7	6	8	11	8	9	8	3	3	3	5	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	80	80	79	77	74	70	68	65	64	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Clear				
Sunset: Time, Character									7:14 Clear			
Moonset									10:56 PM			
Sunshine (in tenths of hours)	0.7	1.0	1.0	1.0	1.0	0.4 0.8	1.0 0	0.23 0				
Wind direction	NE	N	N	NE	N	NE	NE	NE	E	E	E	E
Wind movement	6	9	8	10	9	10	9	7	6	7	7	7
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.2 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 68

Prevailing wind direction, SW Total wind 171

Average hourly velocity, 7.1 Extreme velocity, 14

Maximum velocity, 13 Direction, NE

Time began, 3:14 p. m.

Reduced barometer, 29.90 7 a. m. 29.95 7 p. m.

River gage, 2.7 ft

Relative humidity, 77 7 a. m. 45 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 2:38 PM
(Local Mean Time.)

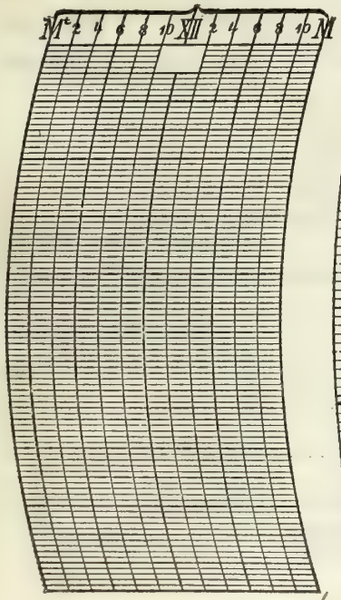
Dry temperature, 75.8 Wet temperature, 64.8

Dew-point, 59 R. humidity, 55 V. pressure, .499

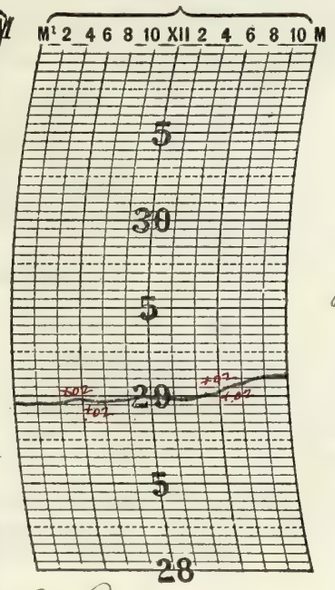
Clouds: Amount, 6; Kind, Cu; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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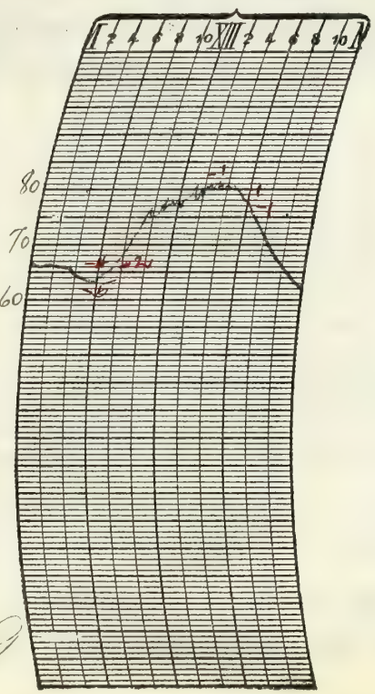


NOTES.

The morning was cool, with a minimum temperature of 59°, but the weather was moderately warm in the afternoon, the maximum temperature reaching 80°. The day broke cloudy, but cloudiness decreased from the morning observation, with clear skies from 4 PM.

Prepared by H. S. Bopp

Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 15, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	55	54	53	61	66	67	68	71	73	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					0.8 / 0	0.7 / 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE
Wind movement	6	3	4	4	5	4	6	7	7	7	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	80	78	79	75	70	71	69	67	65	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.9	0.2 / 0.8	1.0 / 0	0.23 / 0				
Wind direction	E	SE	SE	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	6	6	6	6	5	3	4	3	4	5	5

Sunrise: Time, 4:08; Character, Clear. Moonrise: ---

Sunset: Time, 7:14; Character, Clear. Moonset: 11:19 P.M.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

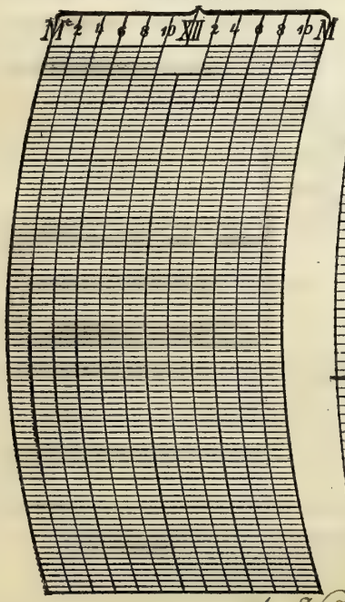
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	53	66	

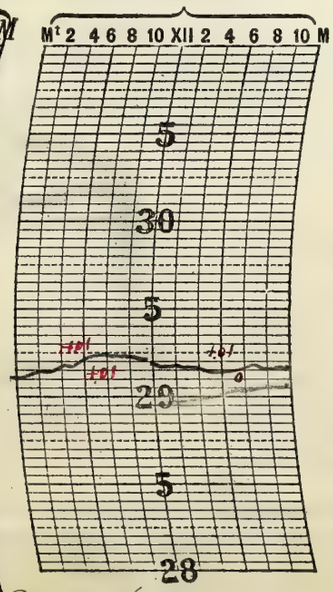
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 98
Prevailing wind direction, SE Total wind 124
Average hourly velocity, 5.2 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 7:52 a.m.
Reduced barometer, 30.15 7 a. m. 30.08 7 p. m.
River gage, 2.2 ft
Relative humidity, 63 7 a. m. 51 7 p. m.

OBSERVATIONS AT ~~10 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 76.2 Wet temperature, 62.0
Dew-point, 53 R. humidity, 44 V. pressure, .402
Clouds: Amount, 1; Kind, Ci. St; Direction, NW
Velocity of clouds (miles per hour)

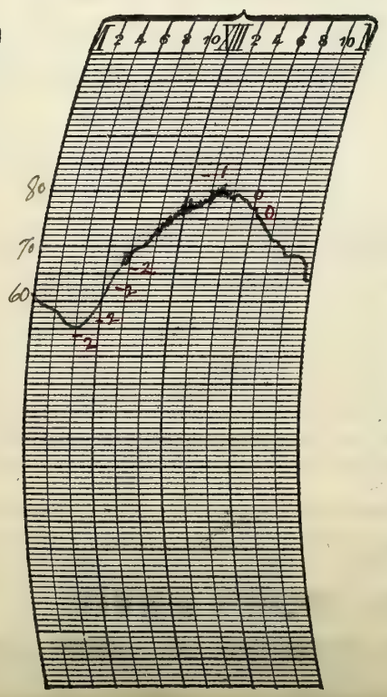
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light dew in the early morning.
Clear and pleasantly warm weather during the day.

Prepared by H. S. Baker
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 16, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	64	64	64	64	66	65	69	71	78	84	89
State of weather: Nature of precipitation and time of beginning and ending							RB 6:20 RE 6:55					
Amounts of precipitation							T					
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4:08 Character, Cloudy												
Moonrise: 12 M												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.8	1.0
Wind direction	SE	SE	S	S	S	S	S	S	S	S	S	S
Wind movement	3	3	6	6	5	3	6	8	8	9	9	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	92	93	94	94	93	92	88	84	83	81	78	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy							
Sunset: Time, 7:15 Character, Cloudy												
Moonset: 11:43 P.M.												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0	0	0				
Wind direction	S	SW	S	SW	S	S	S	S	S	W	W	W
Wind movement	13	12	14	15	11	9	8	8	7	4	4	4
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

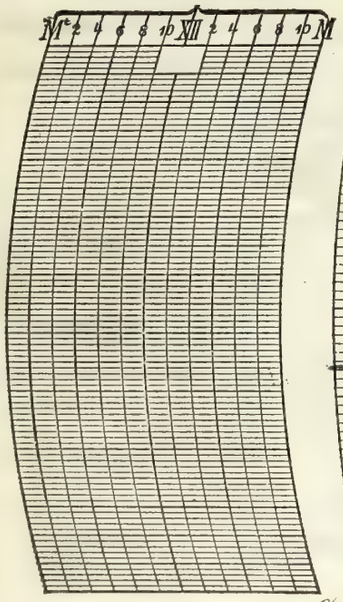
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	62	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase, 1st quarter 7:12 am
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 42
Prevailing wind direction, S Total wind 188
Average hourly velocity, 7.8 Extreme velocity, 18
Maximum velocity, 17 Direction, S
Time began, 11:52 a. m.
Reduced barometer, 30.14 7 a. m. 29.96 7 p. m.
River gage, 2.3 ft.
Relative humidity, 95 7 a. m. 55 7 p. m.

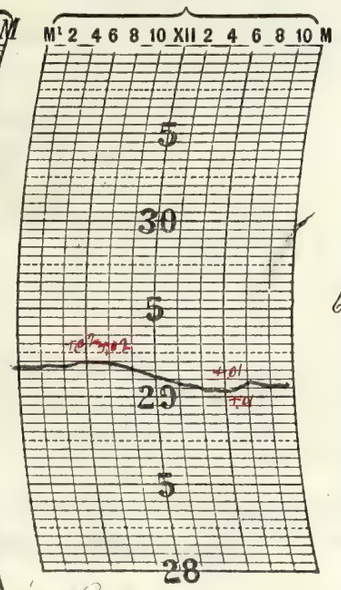
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 88.0 Wet temperature, 74.0
Dew-point, 68 R. humidity, 52 V. pressure, .684
Clouds: Amount, 3 ; Kind, Cu ; Direction, SW
Velocity of clouds (miles per hour)

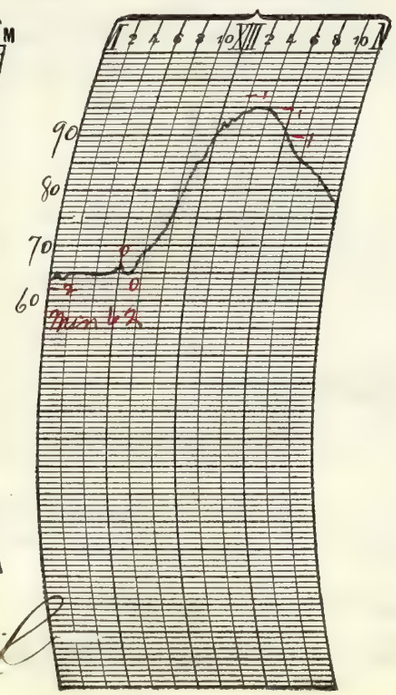
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy in the morning with a light shower but the day was generally partly cloudy and intensely warm and muggy.

Prepared by

Verified by T. McDonnell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 17, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	71	71	72	74	78	79	80	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						× Cloud	×
Sunshine (in tenths of hours)					0.8 / 0	1.0 / 0	0.4 / 0.6	1.0	1.0	1.0	* 0.5	* 0.2
Wind direction	NW	NW	N	N	N	N	NE	NE	NE	NE	NE	N
Wind movement	7	6	5	7	7	7	11	10	10	12	12	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	81	82	83	81	79	74	68	64	62	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Ph. Cldy	×			Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 / 0.8	1.0 / 0	0.25 / 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	14	14	15	13	15	12	11	11	11	9	7

Sunrise: Time, 4:08 Character, Clear

Moonrise: 12:56 PM

Sunset: Time, 7:14 Character, Clear

Moonset: — —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2.1

Actual sunshine, hours, 13.8 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 91

Prevailing wind direction, NE Total wind 246

Average hourly velocity, 10.2 Extreme velocity, 22

Maximum velocity, 18 Direction, NE

Time began, 3:15 p. m.

Reduced barometer, 30.05 7 a. m. 30.02 7 p. m.

River gage, 2.2 ft.

Relative humidity, 69 7 a. m. 45 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M. (Local Mean Time.)

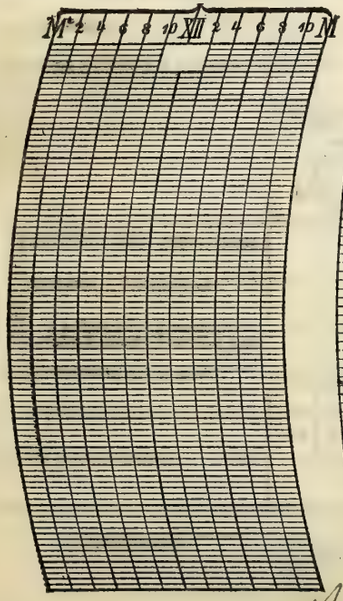
Dry temperature, 80.0 Wet temperature, 63.2

Dew-point, 52 R. humidity, 39 V. pressure, .387

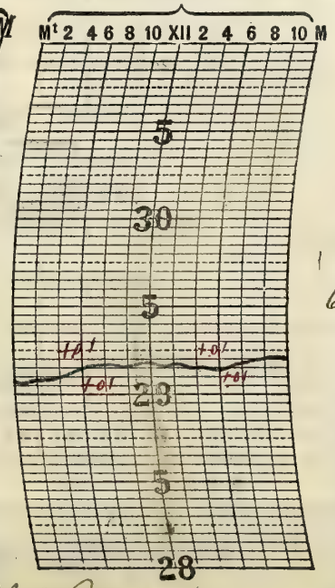
Clouds: Amount, 1; Kind, St. cu St.; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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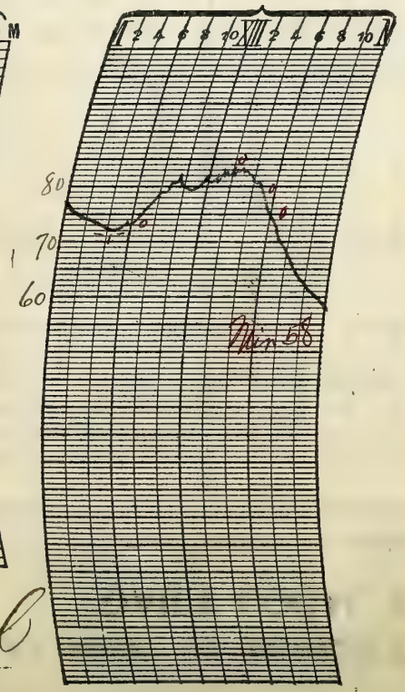


Prepared by J. S. Baker

Verified by F. McDonough

8—486

* Sun shining through detached clouds.

NOTES.

Generally clear but some cloudiness during the mid day hours. Pleasant temperature.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) June 18, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	56	57	58	59	61	61	66	69	70	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)					0	0	0	*0.1	*0.9	*0.9	*0.8	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	8	7	9	9	7	8	11	11	10	10	9

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 1:55 PM

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	76	73	72	72	72	70	66	64	61	59	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Partly Cloudy	Clear				
Sunshine (in tenths of hours)	*0.1	*1.0	*0.8	0	0	0	*1.0	*0.25				
Wind direction	NE	N	N	N	NE	NE	NE	NE	E	NE	NE	NE
Wind movement	7	8	8	13	11	9	7	5	2	3	4	4

Sunset: Time, 7:15 Character, Clear
Moonset: 12:08 AM

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

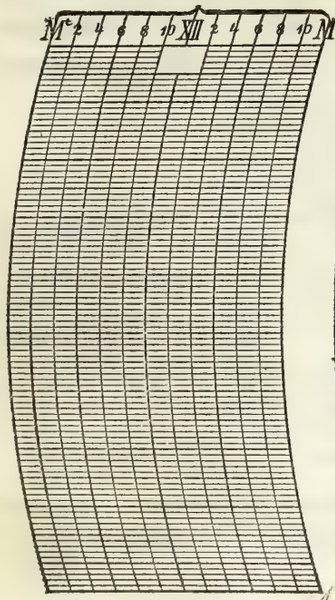
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 38
Prevailing wind direction, NE Total wind 188
Average hourly velocity, 7.8 Extreme velocity, 16
Maximum velocity, 15 Direction, N
Time began, 3:10 p. m.
Reduced barometer, 30.15 7 a. m. 30.09 7 p. m.
River gage, 2.1 ft
Relative humidity, 53 7 a. m. 43 7 p. m.

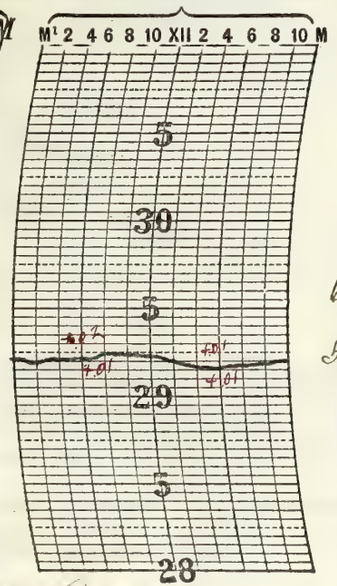
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 70.2 Wet temperature, 55.5
Dew-point, 43 R. humidity, 38 V. pressure, .277
Clouds: Amount, 10; Kind, St Cu; Direction, N
Velocity of clouds (miles per hour)

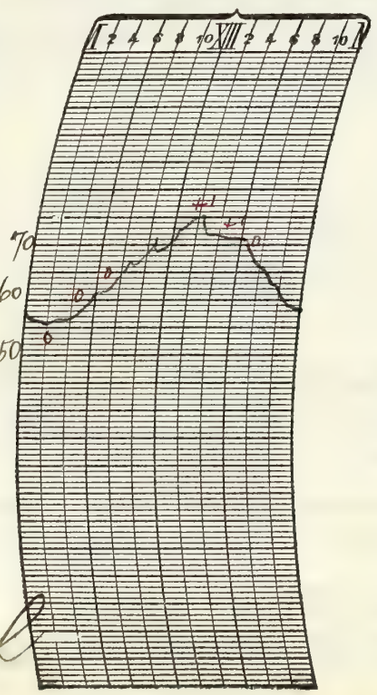
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*. Sun shining through detached clouds
x from eye observations

Day generally cloudy but night clear. Pleasant temperature.

Prepared by H. J. Baker
Verified by C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 19, 1918.

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	52	52	55	59	66	69	71	73	76	76	77	77	75	74	74	71	66	65	63	61	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Pt.		Cloudy												
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	NE	NE	NE
Wind movement	4	5	7	6	7	6	9	10	12	12	11	13	12	11	12	14	15	15	10	10	9	9	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:08; Character, Cloudy

Moonrise: 2:55 pm

Sunset: Time, 7:16; Character, Cloudy

Moonset: 12:34 am

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy. Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.7 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 71

Prevailing wind direction, NE Total wind 236

Average hourly velocity, 9.8 Extreme velocity, 19

Maximum velocity, 18 Direction, NE

Time began, 4:31 p. m.

Reduced barometer, 30.15, 7 a. m. 30.11, 7 p. m.

River gage, 2.0 ft.

Relative humidity, 47, 7 a. m. 33, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 PM.
(Local Mean Time.)

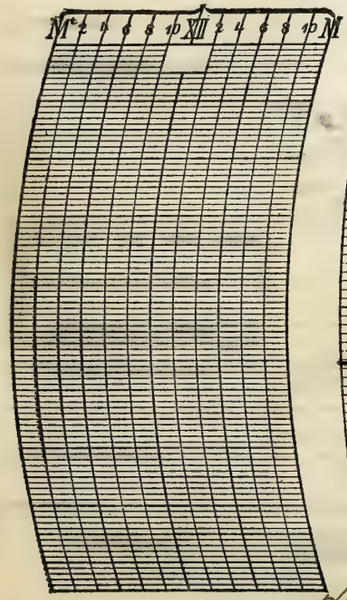
Dry temperature, 75.0 Wet temperature, 56.0

Dew-point, 40 R. humidity, 28 V. pressure, 247

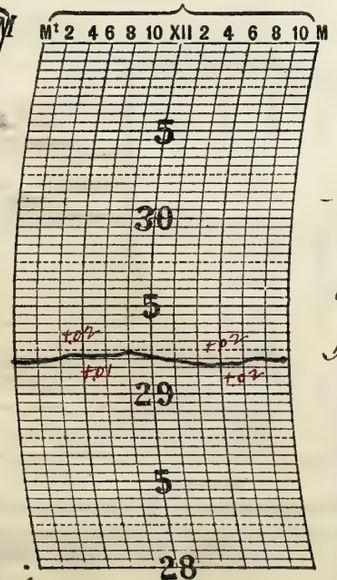
Clouds: Amount, 3; Kind, Cu & Ci; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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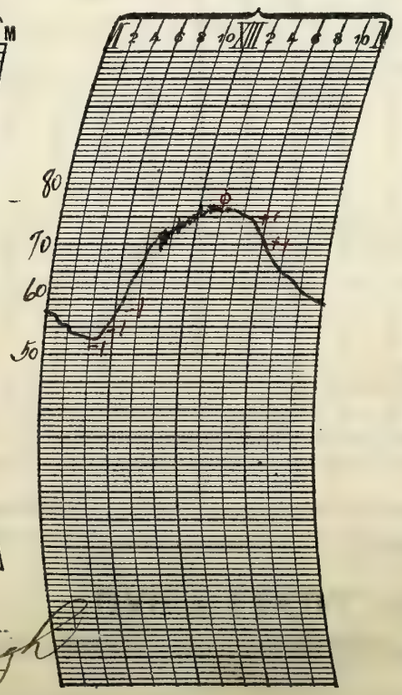


NOTES.

Partly Cloudy, Cool and pleasant.

Prepared by A. S. Baker

Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) June 20, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	53	53	56	58	61	65	70	72	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy				Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	* 0.2	* 0.6	* 1.0	* 0.9
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E
Wind movement	7	7	8	8	7	6	8	8	10	9	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	79	79	79	78	76	71	68	65	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	* 1.0	1.0	0.6	0.9	0.4 0.6	1.0 0	1.0 0	0.27 0				
Wind direction	E	E	E	SE	SE	SE	E	S	E	E	E	E
Wind movement	7	4	6	4	4	2	2	3	4	4	2	2

Sunrise: Time, 4:07 Character, Cloudy
Moonrise: 3:56 P.M.
Sunset: Time, 7:16 Character, Clear
Moonset: 1:07 am

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

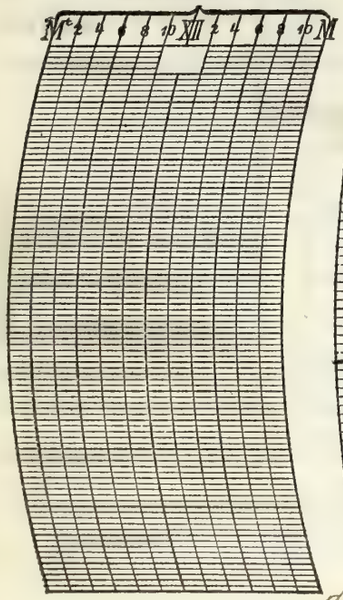
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	53	66	

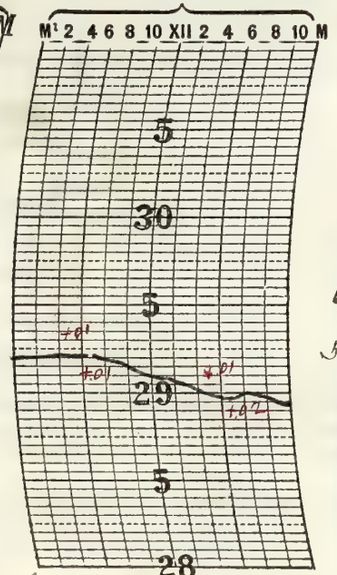
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 63
Prevailing wind direction, E Total wind 138
Average hourly velocity, 5.8 Extreme velocity, 17
Maximum velocity, 13 Direction, NE.
Time began, 9:27 a. m.
Reduced barometer, 30.12 7 a. m. 29.91 7 p. m.
River gage, 2.0 ft
Relative humidity, 61 7 a. m. 38 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 74.5 Wet temperature, 57.2
Dew-point, 43 R. humidity, 33 V. pressure, .277
Clouds: Amount, 6 ; Kind, Cu. St. ; Direction, SE
Velocity of clouds (miles per hour)

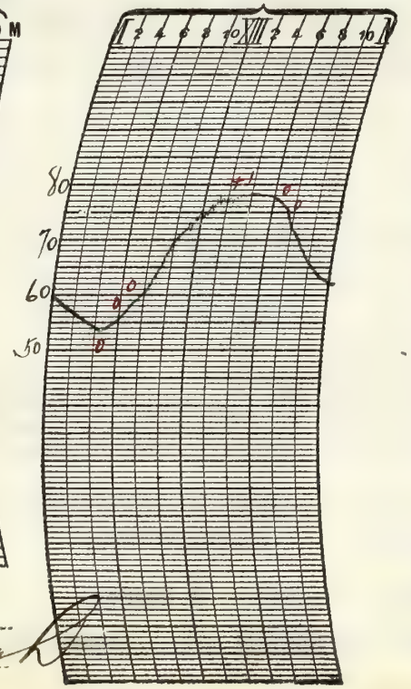
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Considerable cloudiness during the forenoon, but late afternoon and night generally clear. Pleasant temperatures.

Prepared by J. S. Baker
Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) Jan. 21, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	58	59	60	[illegible]	70	73	75	78	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy X			Pt. Cloudy				
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	1.0	1.0	0.6
Wind direction	SE	S	S	S	S	S	S	SW	SW	SW	W	W
Wind movement	1	2	3	7	7	5	5	5	7	9	10	11
Maximum velocities (exceeding 20 miles) direction and time												
Excessive precipitation, accumulated amounts												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	79	81	78	75	72	68	65	64	62	61	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy				Clear		Pt. Cldy		Clear			
Sunshine (in tenths of hours)	0.5	0.7	1.0	1.0	1.0	0	X 0.7	0				
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	15	19	21	22	22	17	12	12	9	10	13
Maximum velocities (exceeding 20 miles) direction and time												
Excessive precipitation, accumulated amounts												

Sunrise: Time, 4:50 Character, Cloudy
Moonrise: 4.57 P.M.
Sunset: Time, 7:16 Character, Cloudy
Moonset: 1.44 A.M.

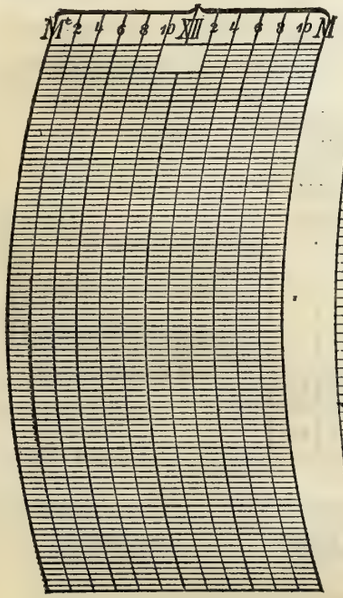
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	58	70	

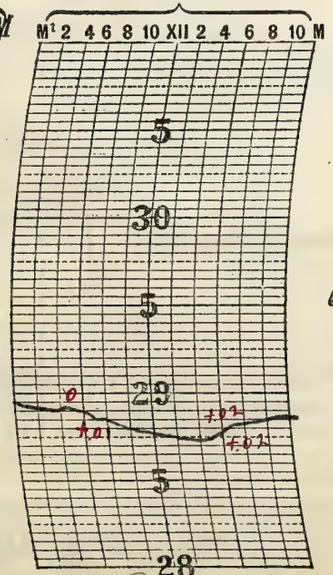
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 60
Prevailing wind direction, NW Total wind 257
Average hourly velocity, 10.7 Extreme velocity, 31
Maximum velocity, 26 Direction, NW
Time began, 4:56 p.m.
Reduced barometer, 29.74 7 a. m. 29.70 7 p. m.
River gage, 2.0 ft
Relative humidity, 65 7 a. m. 52 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 74.8 Wet temperature, 66.0
Dew-point, 61 R. humidity, 63 V. pressure, .536
Clouds: Amount, 7; Kind, St+Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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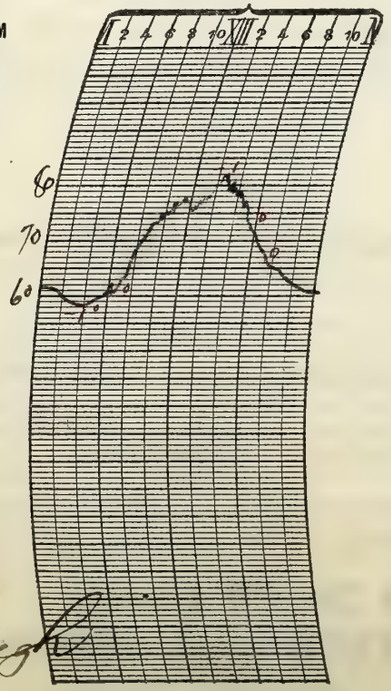


X From eye observation

NOTES.

Generally fairly cloudy during the day but clear at night. Moderate day temperature, but cool in late night.
Summer solstice at 12 midnight.

Prepared by J. S. Baker
Verified by P. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 22, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	57	55	54	52	51	52	54	55	58	60	62	64	67	68	65	63	62	59	54	52	50	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy → Pt Cloudy — Clear →																							
Sunshine (in tenths of hours)					0	0	0	0	0.2	0.7	0.9	0.9	1.0	1.0	1.0	0.9	1.0	0.6 / 0.4	1.0 / 0	0.2 / 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	19	16	18	17	19	15	15	17	13	14	14	12	13	14	14	16	14	13	10	10	9	6	4
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 4:00 a Character, Cloudy
Moonrise: 5:55 P.M.
Sunset: Time, 7:16 Character, Clear
Moonset: 2:27 a.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

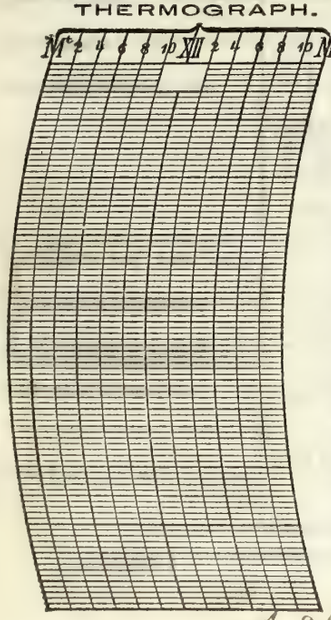
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	46	57	

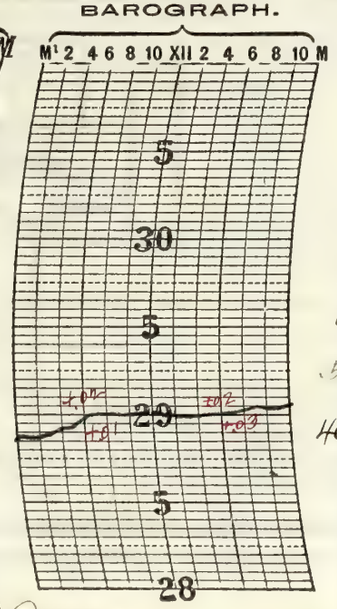
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, 4
Average daily cloudiness (0-10),
Actual sunshine, hours, 9.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 66
Prevailing wind direction, NW Total wind 325
Average hourly velocity, 13.5 Extreme velocity, 26
Maximum velocity, 25 Direction, NW
Time began, 8:16 a.m.
Reduced barometer, 29.92 7 a. m. 29.97 7 p. m.
River gage, 2.0 ft.
Relative humidity, 65 7 a. m. 48 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 62.5 Wet temperature, 51.0
Dew-point, 40 R. humidity, 44 V. pressure, .247
Clouds: Amount, few; Kind, Cu.; Direction, N
Velocity of clouds (miles per hour)

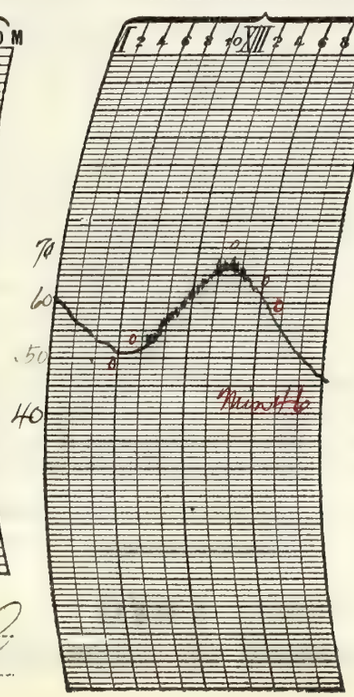
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Decreasing Cloudiness from 7 am, the afternoon and night being Clear. Pleasantly Cool day, with a Minimum temperature of 51° in the early Morning.

Prepared by F. S. Bassett
Verified by F. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 23, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	41	41	42	44	52	58	62	63	65	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)					0.85 0	0.9 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	N	N	N	N	NE	NE	NE	NW	W
Wind movement	5	4	4	3	3	3	2	3	2	3	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	74	73	73	72	71	66	63	62	62	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	0.28 0				
Wind direction	NW	NW	W	NW	NW	W	NW	SW	0	NW	NE	E
Wind movement	5	5	7	6	7	5	2	2	0	1	3	5

Sunrise: Time, 4:09; Character, Clear. Moonrise: 6.49 P.M.

Sunset: Time, 7:17; Character, Clear. Moonset: 3:18 AM

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

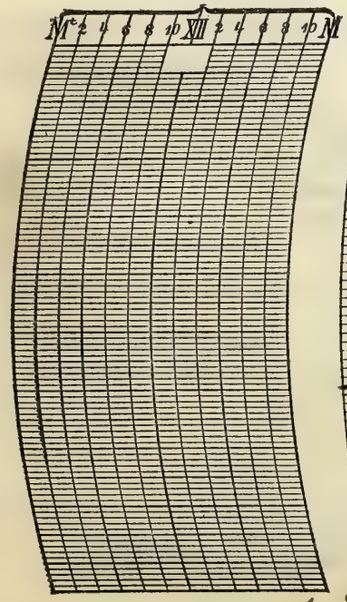
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	41	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 15 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 89
Average hourly velocity, 3 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 12:29 p.m.
Reduced barometer, 30.07, 7 a. m. 29.95, 7 p. m.
River gage, 1.9 ft
Relative humidity, 53, 7 a. m. 25 7 p. m.

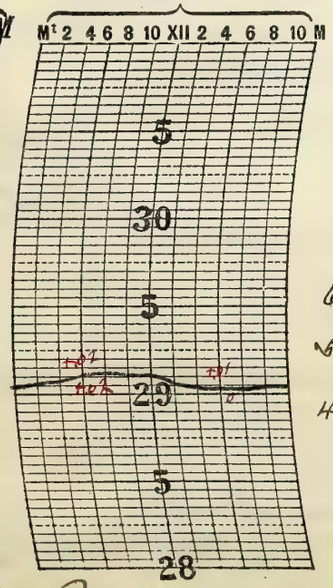
OBSERVATIONS AT ~~12 NOON.~~ 12:38 AM.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 52.2
Dew-point, 37 R. humidity, 32 V. pressure, .219
Clouds: Amount, 1; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

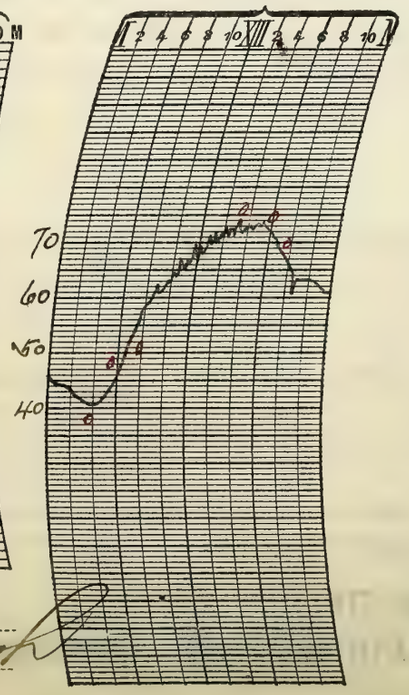
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Day clear but cirro-cumulus clouds began to appear in the west at 9 p.m. Heavy frost occurred in the morning, temperature 41°. Corn, potatoes, truck and tender vegetation on low lands severely damaged but upland crops affected only slightly. The temperature rose moderately during the day, a maximum of 74° being attained in the afternoon. The afternoon was unusually fine and breezy.

It is estimated that 10,000 acres of corn were damaged in Allen County by the frost.

Prepared by J. S. Baker

Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 24, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	57	57	56	57	59	63	72	74	77	76	78	80	76	75	74	73	73	72	70	69	68	68	65
State of weather: Nature of precipitation and time of beginning and ending																		*6 5:20 *5:25						
Amounts of precipitation																		T						
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0	*0.1	*0.2	*1.0	*0.8	*0.8	*0.3	*0.2	*0.8	0	0	0	0	0	0				
Wind direction	E	SE	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	SE	SW	SW	SE	S	S	SE	S
Wind movement	3	3	6	3	6	6	5	9	11	12	12	12	10	13	14	9	6	7	2	5	6	4	6	6
Maximum velocities (exceeding 26 miles) direction and time																								

Cloudy

Sunrise: Time, 4:10 Character, Cloudy

Moonrise: 7:37 P.M.

Sunset: Time, 7:11 Character, Cloudy

Moonset: 4:16 am

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, Full Moon 4:38 a.m.

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.6 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 30

Prevailing wind direction, S Total wind 176

Average hourly velocity, 7.3 Extreme velocity, 20

Maximum velocity, 19 Direction, SW

Time began, 2:34 P.M.

Reduced barometer, 29.95 7 a. m. 29.86 7 p. m.

River gage, 1.9 ft.

Relative humidity, 45 7 a. m. 39 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

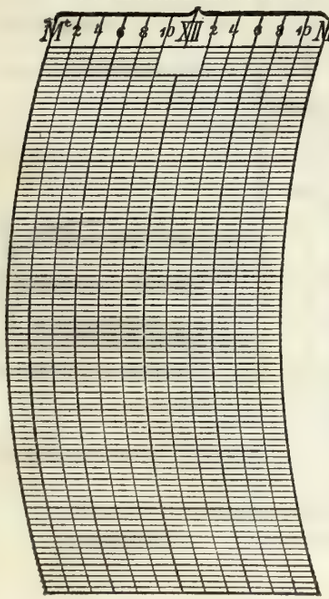
Dry temperature, 76.2 Wet temperature, 55.8

Dew-point, 38 R. humidity, 25 V. pressure, .228

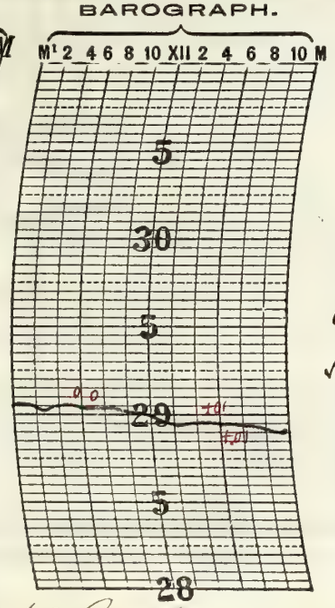
Clouds: Amount, 9; Kind, Strat; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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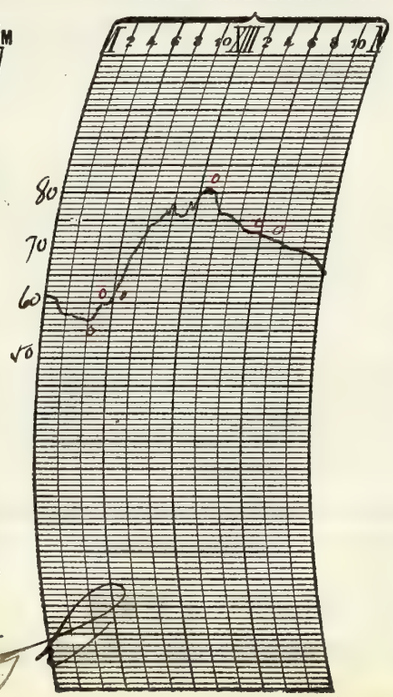


* Sun shining through detached clouds.

NOTES.

The weather was generally Cloudy and somewhat threatening. Mild temperatures prevailed.

Prepared by W. S. Borger

Verified by J. McDonough

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) June 25, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	63	65	64	62	63	65	66	69	61	71	72	73	72	[illegible]	73	[illegible]	70	69	67	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					10													→
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	#. 0.1	#. 0.4	0	0	0	0	0	0	0				
Wind direction	SE	SE	S	S	E	E	E	E	E	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	7	6	5	6	6	8	9	8	10	12	12	9	8	8	9	8	7	6	4	5	4	2

Sunrise: Time, 4:10 Character, Cloudy
Moonrise: 8:19 PM
Sunset: Time, 7:17 Character, Cloudy
Moonset: 5:21 AM

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

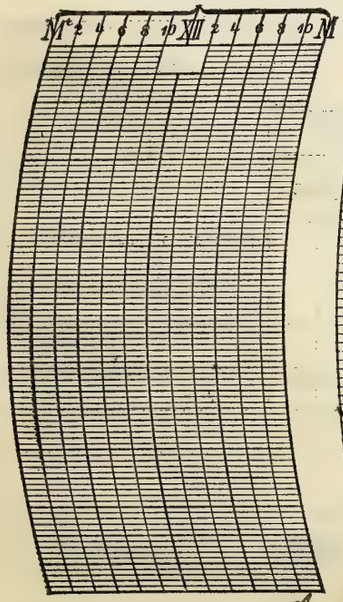
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	[illegible]	[illegible]	

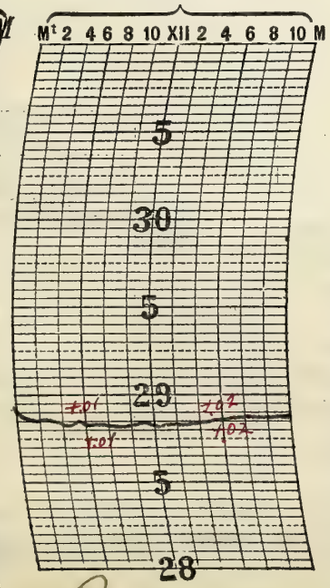
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 3
Prevailing wind direction, NE Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 12:10 p. m.
Reduced barometer, 29.73 7 a. m. 29.77 7 p. m.
River gage, 1.90
Relative humidity, 88 7 a. m. 62 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 68.0 Wet temperature, 62.8
Dew-point, 60 R. humidity, 75 V. pressure, .517
Clouds: Amount, 9; Kind, Strat.; Direction, E
Velocity of clouds (miles per hour)

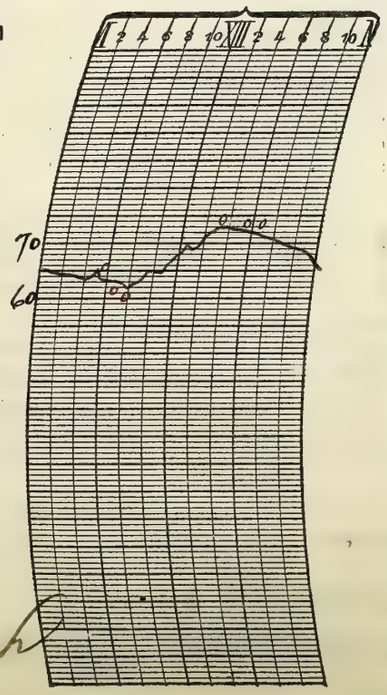
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



#. Sun shining through detached clouds.

NOTES.

Generally cloudy with moderate temperatures.

Prepared by H. S. Baker
Verified by F. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 26, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	60	58	59	60	62	70	74	77	79	81	84	83	85	83	83	82	80	76	74	73	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy				Clear				Pt. Cloudy											
Sunrise: Time, 4:10; Character, Cloudy																					Sunset: Time, 7:17; Character, Cloudy			
Moonrise: 8:55 P.m.																					Moonset: 6:31 am			
Sunshine (in tenths of hours)					0	0	0	0.4	0.8	1.0	1.0	1.0	0.4	0.5	0.2	0.3	0	0	0	0				
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	E	SE	SE	SE	SE	SE	SW	NE	E
Wind movement	3	4	4	6	6	3	2	3	4	4	5	3	5	4	3	4	2	5	5	6	6	3	4	2
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 37
Prevailing wind direction, NE Total wind 96
Average hourly velocity, 4.0 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 3:30 am.
Reduced barometer, 29.84 7 a. m. 29.80 7 p. m.
River gage, 1.9 ft.
Relative humidity, 82 7 a. m. 56 7 p. m.

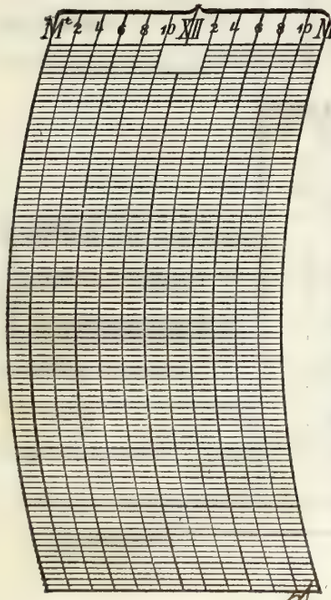
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

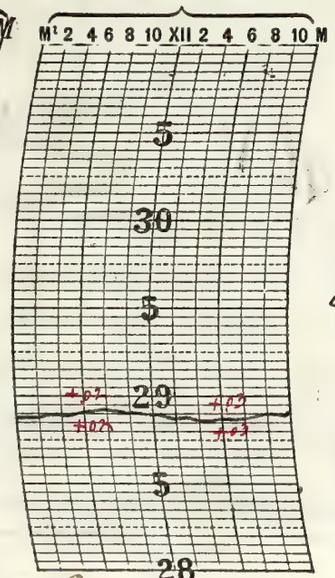
OBSERVATIONS AT ~~12 NOON.~~ 12:35 PM
(Local Mean Time.)

Dry temperature, 79.4 Wet temperature, 65.2
Dew-point, 57 R. humidity, 47 V. pressure, .465
Clouds: Amount, 3; Kind, a Cu; Direction, W
Velocity of clouds (miles per hour)

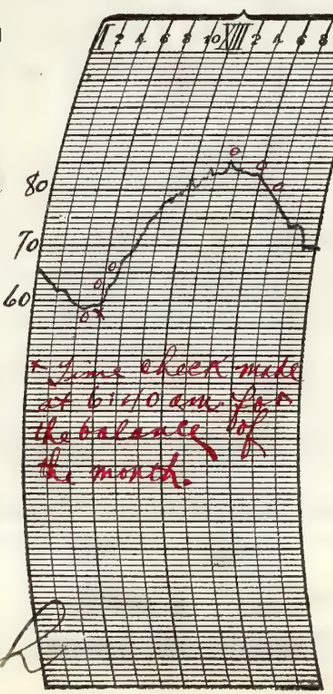
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Time check made at 6:10 am. for the balance of the month.

NOTES.

Generally partly cloudy and moderately warm.
Light dew in the early am.

Prepared by J. S. Baker
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) June 27, 1918

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	67	66	64	63	66	69	78	81	84	86	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunrise: Time, Character, Moonrise	4:11 Clear; Moonrise 9:29 P.M.											
Sunshine (in tenths of hours)					0.82 0	1.0 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	S	SE	SE	S	S	S	S	S	S	SW	SW	S
Wind movement	3	2	4	6	6	5	5	6	9	12	12	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	89	87	80	79	81	80	67	67	67	67	67	62
State of weather: Nature of precipitation and time of beginning and ending			RB 2:30 2:45			RB 5:30	–	RE 7:40			RB 10:15	–
Amounts of precipitation			T			.42	.22	T			.01	.48
Cloudiness and other conditions	← Pt Cloudy →					← Cloudy →						
Sunset: Time, Character, Moonset											7:17 Cloudy; Moonset 7:41 AM	
Sunshine (in tenths of hours)	0.8	0.4	0	0	0	0	0	0				
Wind direction	SW	S	SW	S	S	S	SW	SW	SE	SE	S	SW
Wind movement	11	12	14	10	8	13	6	4	10	3	5	12
Maximum velocities (exceeding 29 miles) direction and time						36 NW 5:47						

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	67	76	

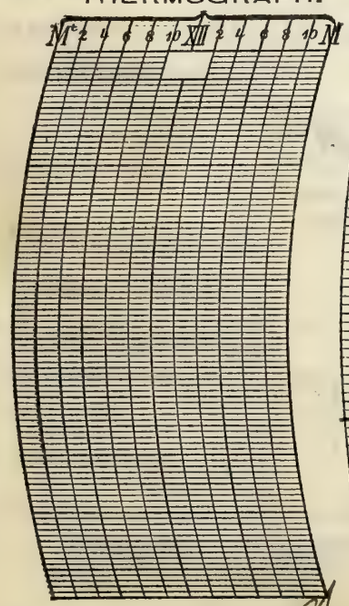
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.3 ins.
Total precipitation, midnight to midnight, 1.33 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 60
Prevailing wind direction, S Total wind 189
Average hourly velocity, 7.9 Extreme velocity, 50
Maximum velocity, 36 Direction, NW
Time began, 5:47 P.M.
Reduced barometer, 29.83 7 a. m. 29.81 7 p. m.
River gage, 1.96
Relative humidity, 79 7 a. m. 64 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 5:30 P.M.	7:40 P.M.	0.74	5:40 P.M.	6:10 P.M.	0.01	.09	.21	.30	.41	.58	.67								
10:15 P.M.	D.N.a	1.20	11:55 P.M.	12:40 AM	0.12	.37	.81	1.01	1.04										

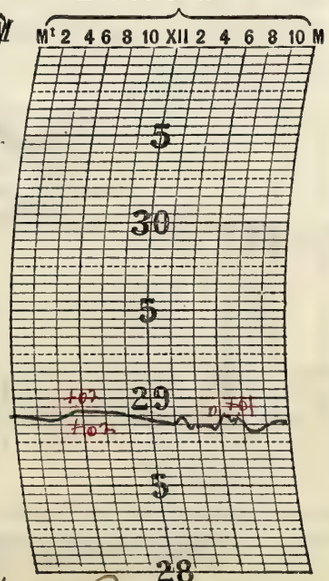
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 86.5 Wet temperature, 70.0
Dew-point, 62 R. humidity, 44 V. pressure, .555
Clouds: Amount, 2; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

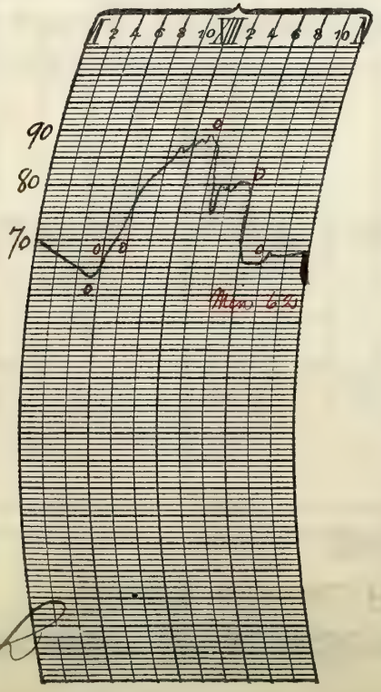
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. S. Baker
Verified by F. McDonough

8—486

NOTES.

Clear during the forenoon, but increasing cloudiness and thunderstorm in the afternoon, with excessive thunder showers in the evening and late night.

The first thunder was heard at 5.30 pm and the last was heard at 7.40 pm. The storm came from the west.

Another thunderstorm began in the late night, probably about 11 pm this storm continued into the next day. Both storms were quite severe, and lighting and telephone wires were damaged to a considerable extent.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) June 28, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	64	63	63	63	65	65	68	71	74	75	77
State of weather: Nature of precipitation and time of beginning and ending	—	—	RE									
			T.N.									
Amounts of precipitation	T6	.04	.01									
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:11 Cloudy											
Moonrise:	9:59 P.M.											
Sunshine (in tenths of hours)					0	0	0	0	0.5	1.0	1.0	0.9
Wind direction	NW	NW	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	7	6	11	11	16	6	6	11	16	16	13
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	80	80	78	77	75	73	73	71	70	69
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy					Cloudy						
Sunset: Time, Character,	7:17 Cloudy											
Moonset:	853 am											
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0	0	0	0				
Wind direction	S	S	S	S	S	S	SW	S	S	SW	SW	SW
Wind movement	15	16	15	10	13	9	6	6	5	5	5	6
Maximum velocities (exceeding 24 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	62	72	–

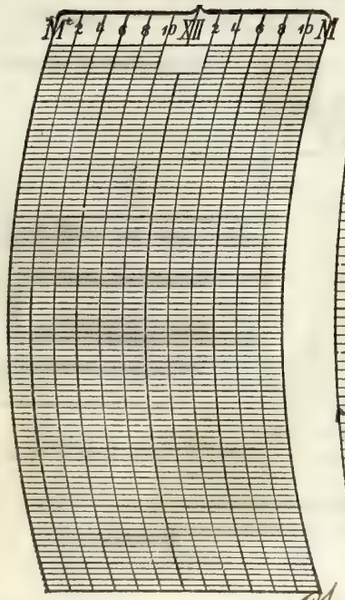
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.31 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 81 inches.
Character of day, Cloudy, Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 38
Prevailing wind direction, S-SW Total wind 244
Average hourly velocity, 10.2 Extreme velocity, 32
Maximum velocity, 27 Direction, S
Time began, 5:01 a. m
Reduced barometer, 29.81 7 a. m. 29.78 7 p. m.
River gage, 3.0 ft.
Relative humidity, 86 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive begun.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: See under date of 27th.																			

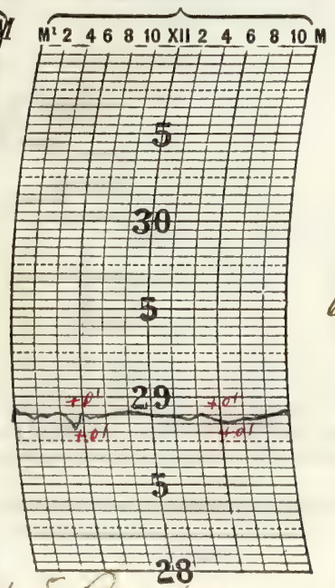
OBSERVATIONS AT 12 ~~NOON~~. 1238 PM
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 68.0
Dew-point, 64 R. humidity, 63 V. pressure, .575
Clouds: Amount, 8 a.m. 8 p.m.; Kind, ; Direction,
Velocity of clouds (miles per hour)

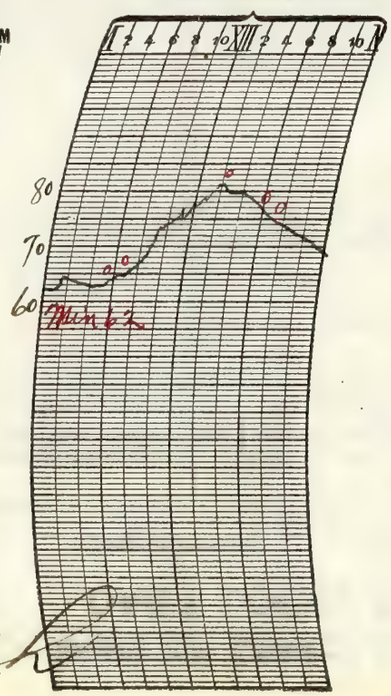
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The thunderstorm that began last night ended during the early hours of the morning.
The rain continued from last night ended during the night & the a.m. for the excessive rate see temperature under date of the 27th.
The weather was generally cloudy and moderately warm.

Prepared by F. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 29, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	65	62	66	69	71	72	76	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear ×		Pt Cloudy ×			Cloudy ×		
Sunshine (in tenths of hours)					0	0.2	0.6	0.7	0.6	0.4	0	‡ 0.7
Wind direction	SW	SW	SW	S	S	SW	SW	W	NW	NW	W	S
Wind movement	5	4	5	5	7	7	7	10	6	4	2	4

Sunrise: Time, 4:11; Character, Clear. Moonrise: 10:29 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	81	81	81	82	81	78	75	75	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cldy ×		Cloudy		Pt Cldy ×		Clear ×			
Sunshine (in tenths of hours)	0.1	0.1	‡ 0.2	‡ 0.3	0	× 1.0	× 1.0	× 0.28				
Wind direction	S	NE	E	SE	E	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	1	4	2	3	3	2	3	1	2	2	2

Sunset: Time, 7:17; Character, Clear. Moonset: 10:04 A.M.

Maximum velocities (exceeding 29 miles) direction and time

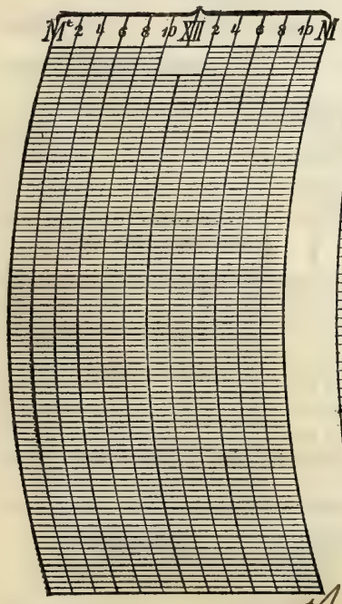
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	64	73	

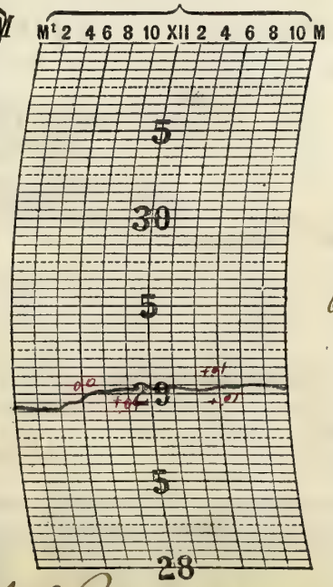
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 52
Prevailing wind direction, SE Total wind 95
Average hourly velocity, 4.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 7:28 am
Reduced barometer, 29.94 7 a. m. 29.92 7 p. m.
River gage, 2.74
Relative humidity, 83 7 a. m. 66 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 80.0 Wet temperature, 71.3
Dew-point, 68 R. humidity, 65 V. pressure, .684
Clouds: Amount, 4; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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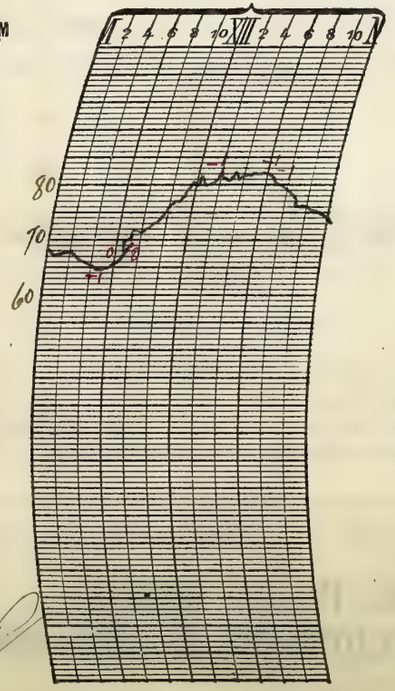


‡ Sun shining through detached clouds
× From eye observation

NOTES.

Heavy dew in the early morning.
Morning and evening generally clear, but midday hours partly cloudy to cloudy, moderately warm.

Prepared by A. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 30, 1918

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	72	73	72	72	72	75	78	77	77	76
State of weather: Nature of precipitation and time of beginning and ending												RB 11:18
Amounts of precipitation												.08
Cloudiness and other conditions	Pt. Cloudy →											
Sunrise: Time, 4:12; Character, Cloudy												
Moonrise: 10:58 P.M.												
Sunshine (in tenths of hours)					0	0	0	0.2	0.4	0.4	0	0
Wind direction	SE	SE	SE	SE	S	S	S	S	SW	W	W	W
Wind movement	4	6	6	6	8	8	6	8	8	8	7	5
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	60	66	65	64	63	62	62	61	58	57
State of weather: Nature of precipitation and time of beginning and ending	RE 12:25	RB 1:20	RE 3:00									
Amounts of precipitation	.14	.04	.03									
Cloudiness and other conditions	Cloudy →											
Sunset: Time, 7:17; Character, Cloudy												
Moonset: — — —												
Sunshine (in tenths of hours)	0	* 0.1	0	* 0.3	* 0.2	* 0.1	0	0				
Wind direction	W	W	NW	NW	W	NW	W	W	W	SW	W	SW
Wind movement	8	10	16	11	20	18	15	12	12	13	11	14
Maximum velocities (exceeding 25 miles) direction and time												

Maximum temperature	Minimum temperature	Mean temperature	Normal temperature
78	57	68	–

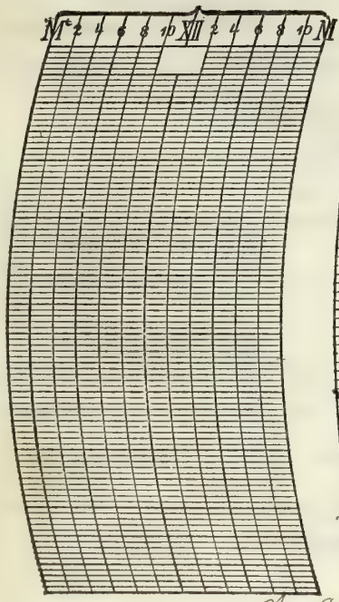
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .29 ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 11
Prevailing wind direction, W Total wind 240
Average hourly velocity, 10 Extreme velocity, 31
Maximum velocity, 28 Direction, NW
Time began, 2:18 p. m.
Reduced barometer, 29.86 7 a. m. 29.84 7 p. m.
River gage, 2.8 ft.
Relative humidity, 84 7 a. m. 72 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

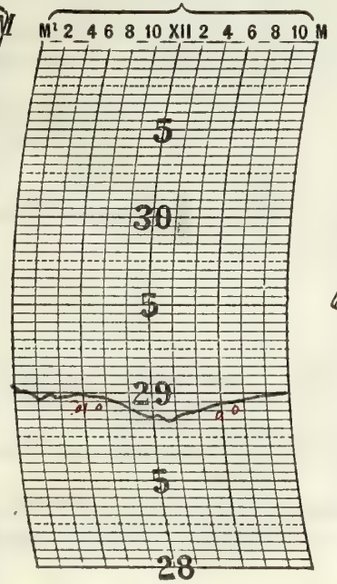
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 69.4 Wet temperature, 69.0
Dew-point, 69 R. humidity, 98 V. pressure, .707
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

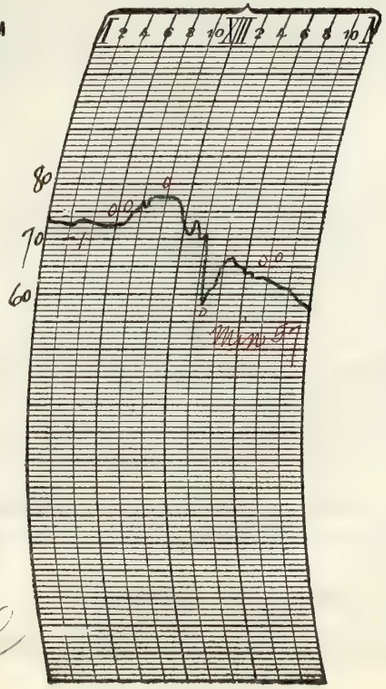
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Partly Cloudy and warm during the forenoon; afternoon generally Cloudy and Cool, with thunder showers between 11:18 a.m. and 3:00 p.m. The first thunder was heard at 11:18 a.m.; the last thunder was heard at 3 p.m.; the storm came from the northwest.

Prepared by N. S. Boren

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) July 1, 1918

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	54	53	52	54	57	58	60	61	63	65	66	67	66	66	66	65		60	57	57	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear				Cloudy			Pt.	Cloudy					Clear						
Sunshine (in tenths of hours)					0.80	1.0	0.7	0	0	0	0.4	1.0	0.4	0.6	0.7	0.9	0.9	0.7 / 0.3	1.0 / 0	0.28 / 0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	S	SW	SW
Wind movement	14	16	13	12	15	14	16	17	19	19	20	19	18	20	19	17	15	11	9	3	4	4	6	6
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:12; Character, Clear. Moonrise: 11:30 P.M.

Sunset: Time, 7:17; Character, Clear. Moonset: 12:26 PM

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, Last Quarter 2:43 a.

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.2 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 61

Prevailing wind direction, SW NW Total wind 326

Average hourly velocity, 13.6 Extreme velocity, 27

Maximum velocity, 24 Direction, W

Time began, 9:19 am.

Reduced barometer, 29.97 7 a. m. 30.08 7 p. m.

River gage, 3.28

Relative humidity, 83 7 a. m. 54 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

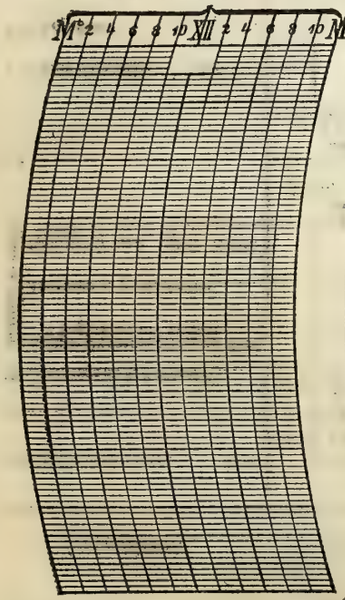
Dry temperature, 64.0 Wet temperature, 55.0

Dew-point, 48 R. humidity, 56 V. pressure, 334

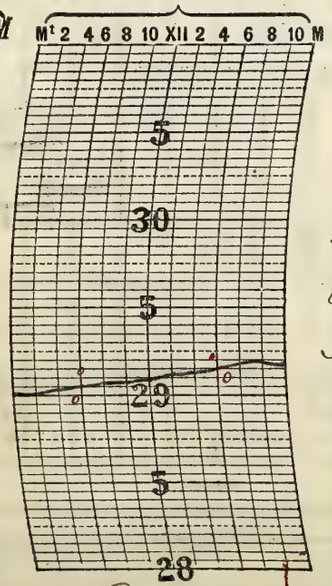
Clouds: Amount, 7; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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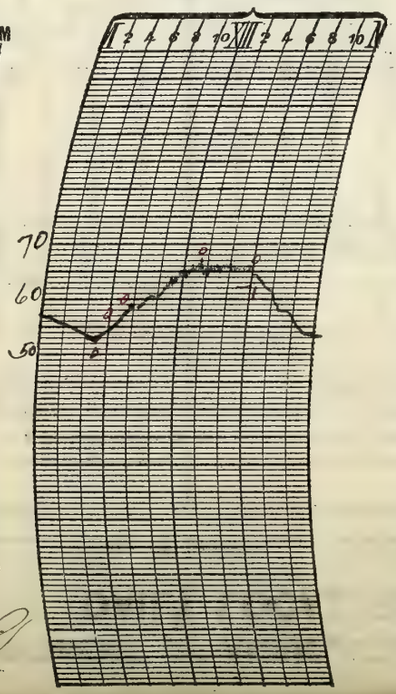


× From eye observations

NOTES.

Generally partly cloudy and pleasant weather.

Prepared by N. S. Baker

Verified by R. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) July 2, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	52	51	55	59	64	68	71	70	70
State of weather: Nature of precipitation and time of beginning and ending												R 13 11:35 RE 11:50
Amounts of precipitation												T
Cloudiness and other conditions					Clear	→					Pt Cloudy	Cloudy
Sunrise: Time, 4:11 Character, Clear												
Moonrise: — — —												
Sunshine (in tenths of hours)					0.78	1.0	0.9	0	0.6	0.8	0.7	0.4
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	S
Wind movement	7	7	7	7	8	8	10	10	13	14	13	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	76	76	77	75	75	71	70	68	67	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy	Clear	→				Pt Cloudy					
Sunset: Time, 7:17 Character, Cloudy												
Moonset: 1:38 PM												
Sunshine (in tenths of hours)	0.1	0.7	1.0	0.4	0	0	0	0				
Wind direction	SW	S	S	S	SW	S	S	S	S	S	SW	SW
Wind movement	6	9	11	12	12	11	10	10	10	9	10	11

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	51	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.5 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 50

Prevailing wind direction, S Total wind 234

Average hourly velocity, 9.8 Extreme velocity, 18

Maximum velocity, 16 Direction, SW

Time began, 9:46 am.

Reduced barometer, 30.1 7 a. m. 29.90 7 p. m.

River gage, 3.2 ft

Relative humidity, 63 7 a. m. 63 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM
(Local Mean Time.)

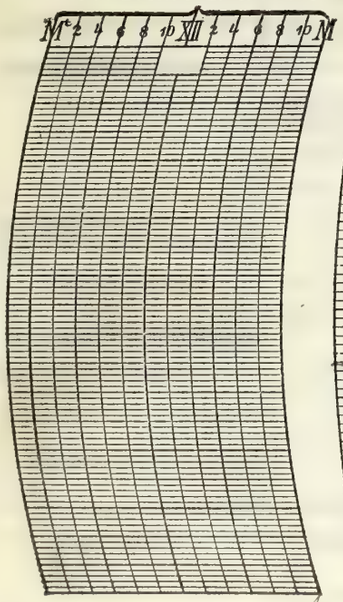
Dry temperature, 70.2 Wet temperature, 58.7

Dew-point, 50 R. humidity, 50 V. pressure, 36.0

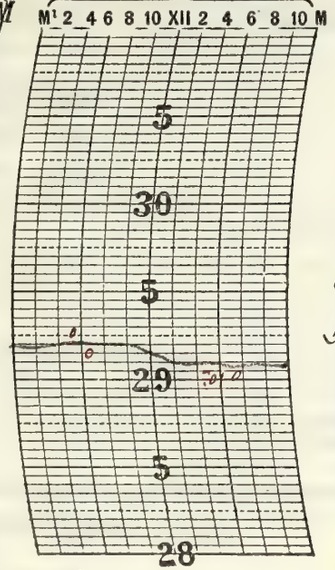
Clouds: Amount, 6 ; Kind, Ast ; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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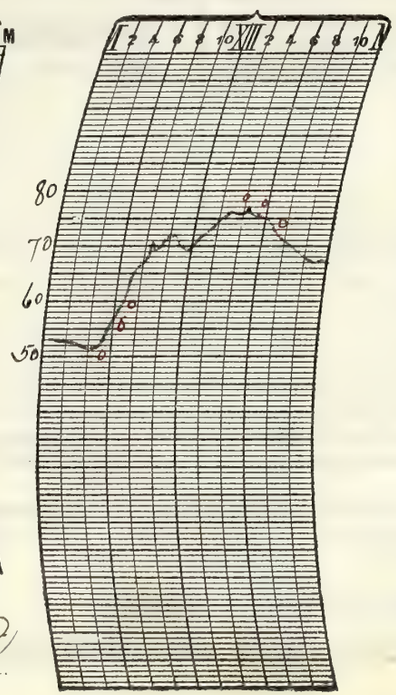


NOTES.

The weather was mostly partly Cloudy, but occasionally threatening. Cool in the early morning, but mild and pleasant in the afternoon.

Prepared by N. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) July 3, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	64	63	65	69	72	76	79	82	84	86	85	84	82	82	82	80	76	75	74	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				4	Clear				7				Pt. Cloudy								7			
Sunrise: Time, 4:13 Character, Clear																					Sunset: Time, 7:17 Character, Cloudy			
Moonrise: 12:06 am																					Moonset: 2:50 P.M.			
Sunshine (in tenths of hours)					0.78 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	SW	SW	W	NW	0	NW
Wind movement	9	10	8	8	7	8	7	6	7	7	8	10	9	8	10	11	6	5	4	4	4	2	0	1
Maximum velocities (exceeding 2 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

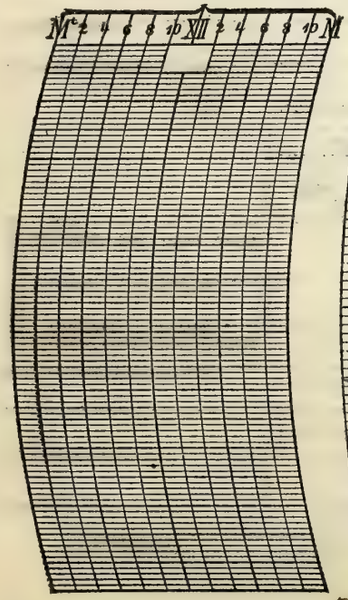
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 66
Prevailing wind direction, SW Total wind 159
Average hourly velocity, 6.6 Extreme velocity, 15
Maximum velocity, 13 Direction, W
Time began, 2:09 p.m.
Reduced barometer, 30.06 7 a. m. 30.10 7 p. m.
River gage, 2.7 Fall
Relative humidity, 78 7 a. m. 57 7 p. m.

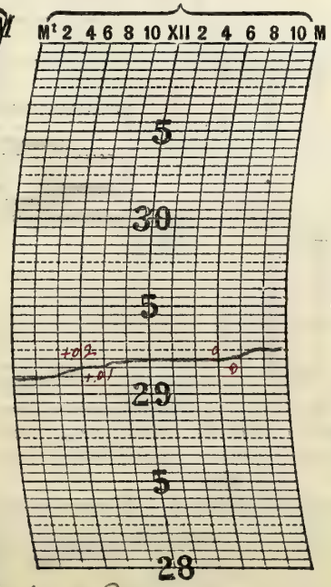
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 82.8 Wet temperature, 68.0
Dew-point, 60 R. humidity, 47 V. pressure, .517
Clouds: Amount, 5 ; Kind, Cu ; Direction, W
Velocity of clouds (miles per hour)

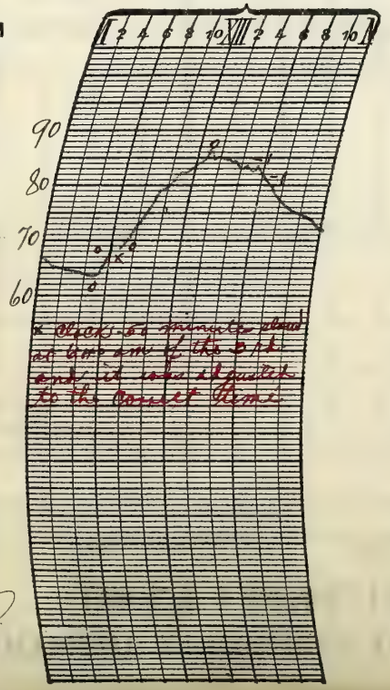
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear to partly cloudy
Weather, warm and muggy.

Prepared by A. S. Bazer
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) July 4, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	68	65	65	68	72	80	81	84	85	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Cloudy					→	Pt
Sunshine (in tenths of hours)					0	0	0	*0.8	*1.0	*0.8	0.3	0.7
Wind direction	SE	SE	E	E	E	O	S	S	S	SW	SW	SW
Wind movement	1	1	1	1	1	0	2	4	7	9	9	9

Sunrise: Time, 4:14; Character, Cloudy. Moonrise: 12:47 am

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	90	91	89	87	86	84	81	79	77	76	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy					Cloudy						
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.3	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	S
Wind movement	11	11	13	12	7	7	6	5	6	6	6	8

Sunset: Time, 7:16; Character, Cloudy. Moonset: 3:58 P.M.

Maximum velocities (exceeding 20 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	65	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.0. Possible sunshine, hours, 15.0
Per cent of possible sunshine, 47
Prevailing wind direction, SW. Total wind 143
Average hourly velocity, 6.0. Extreme velocity, 16
Maximum velocity, 14. Direction, SW
Time began, 3:17 pm
Reduced barometer, 30.24 7 a. m. 30.13 7 p. m.
River gage, 2.7 ft 7 a. m.
Relative humidity, 82 7 a. m. 53 7 p. m.

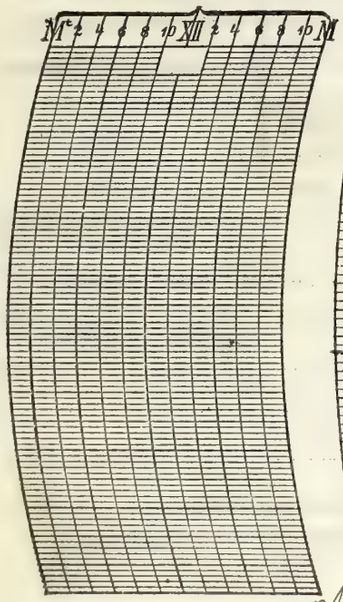
OBSERVATIONS AT ~~12 NOON~~ 12:38 PM (Local Mean Time.)

Dry temperature, 87.6. Wet temperature, 69.6
Dew-point, 61. R. humidity, 41. V. pressure, .536
Clouds: Amount, 4; Kind, Ast.; Direction, W
Velocity of clouds (miles per hour)

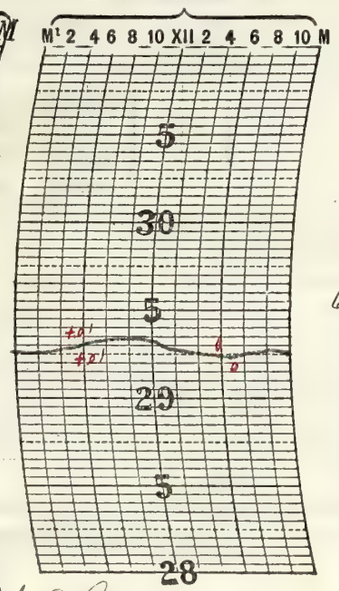
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

THERMOGRAPH.



BAROGRAPH.



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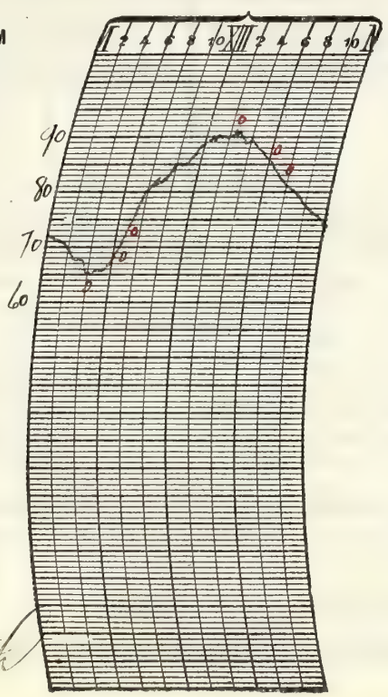


Prepared by H. H. Boyer

Verified by J. M. Hounsight

8—486

* Sun shining through detached clouds.

NOTES.

Light fog began during night and ended 6:20 am.

The weather was mostly partly cloudy during the day. Moderate temperature prevailed in the early morning but the weather was intensely warm and quite muggy in the afternoon.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) July 5, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	69	69	70	74	78	79	81	79	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy ->											
Sunshine (in tenths of hours)					0	0	0.3	0.6	0.5	0.8	*0.4	0
Wind direction	S	S	SW	S	SW	SW	SW	W	W	NW	N	N
Wind movement	7	8	7	8	9	10	8	8	7	6	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	71	73	73	73	71	69	68	67	67	65
State of weather: Nature of precipitation and time of beginning and ending	RB 12:40	—	RE 2:55									
Amounts of precipitation	T	.11	03									
Cloudiness and other conditions	Cloudy ->											
Sunshine (in tenths of hours)	0	0	0	0.2	0	0	*0.8	*0.27				
Wind direction	N	NW	S	NW	W	W	SW	SW	SW	SW	W	W
Wind movement	8	6	3	5	5	7	6	6	7	7	6	4

Sunrise: Time, 4:15; Character, Cloudy. Moonrise: 1:34 am. Sunset: Time, 7:16; Character, Clear. Moonset: 5:02 p.m.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

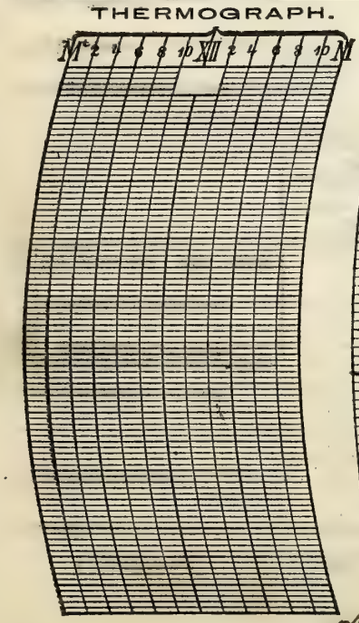
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	65	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.9 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 26
Prevailing wind direction, SW Total wind 162
Average hourly velocity, 6.8 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 5:10 a.m.
Reduced barometer, 30.14 7 a. m. 30.06 7 p. m.
River gage, 2.6 ft
Relative humidity, 65 7 a. m. 86 7 p. m.

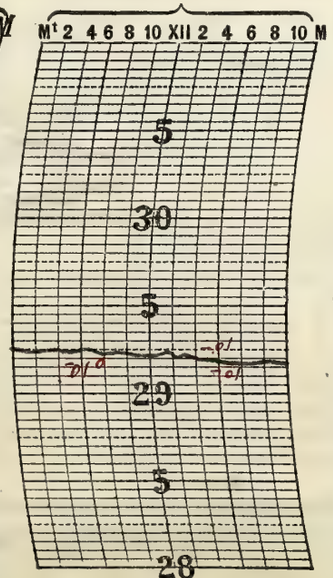
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 76.2 Wet temperature, 68.0
Dew-point, 64 R. humidity, 66 V. pressure, .595
Clouds: Amount, 3 ; Kind, ~~St. cu~~ a St; Direction, SW
Velocity of clouds (miles per hour)

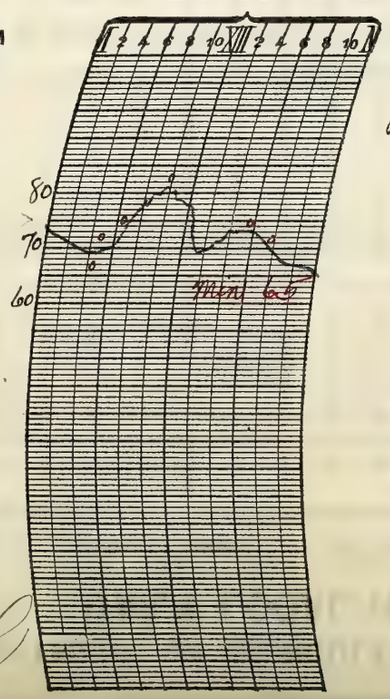
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. S. Baker
Verified by P. McDonough

8—486

NOTES.

* From eye observations
+ Sunshining through detached clouds

Moderately low temperature. Generally partly cloudy, with light rain from 12:40 p.m. to 2:55 p.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) July 6, 1918

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	65	65	63	65	70	75	78	78	79	81	82	81	82	81	79	77	73	71	69	66	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear												→ Pt. Cloudy →											
Sunrise: Time, 4:15; Character, Clear																								
Moonrise: 2:30 AM																								
Sunset: Time, 7:16; Character, Cloudy																								
Moonset: 5:59 P.M.																								
Sunshine (in tenths of hours)					0.75 / 0	1.0 / 0	0.6 / 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	S	S	S	W	W	SW	W	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	5	5	5	6	6	5	5	6	8	10	13	14	16	15	17	15	15	11	7	4	6	5	5	10
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

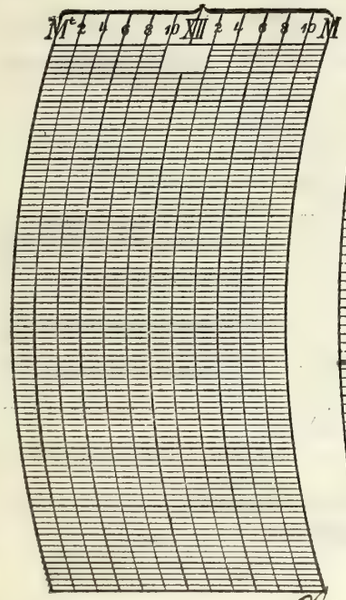
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72.	

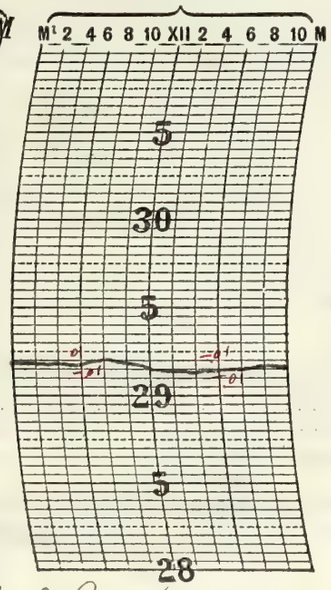
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 87
Prevailing wind direction, W Total wind 214
Average hourly velocity, 8.9 Extreme velocity, 23
Maximum velocity, 22 Direction, NW.
Time began, 2:11 P.M.
Reduced barometer, 30.09 7 a. m. 30.04 7 p. m.
River gage, 2.4 ft
Relative humidity, 72 7 a. m. 40 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 80.0 Wet temperature, 64.5
Dew-point, 55 R. humidity, 43 V. pressure, .432
Clouds: Amount, 1; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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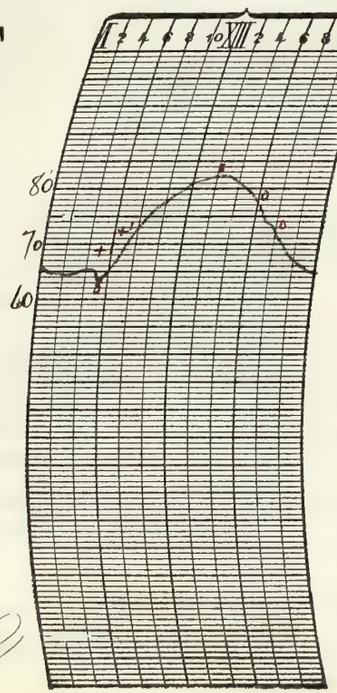


NOTES.

Mostly clear with moderate temperature.
Heavy deposit of dew in the early morning.

Prepared by W. S. Baker
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 7, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	60	58	55	55	55	54	53	56	58	61
State of weather: Nature of precipitation and time of beginning and ending		RB 1:10	-	-	-	-	-	-	-	RE 9:15		
Amounts of precipitation		T	T	.02	T	.01	.03	.01	.03	T		
Cloudiness and other conditions		←								Cloudy		
Sunrise: Time, Character,	4:16 Cloudy											
Moonrise:	3:30 am											
Sunshine (in tenths of hours)					0	0	0	0	0	0	*0.2	*0.5
Wind direction	NE	N	NE	NE	NE	NE	E	NE	NE	S	E	N
Wind movement	12	7	5	10	12	6	2	4	2	3	3	3
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	67	70	70	71	70	68	65	64	63	60	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									7:16 Cloudy			
Moonset:									6:47 PM			
Sunshine (in tenths of hours)	*1.0	*1.0	*0.6	*0.1	0	0	0	0				
Wind direction	NE	NE	NE	NE	NE	S	SE	SW	SW	NE	NE	NE
Wind movement	4	5	4	4	2	5	2	5	2	8	7	5
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

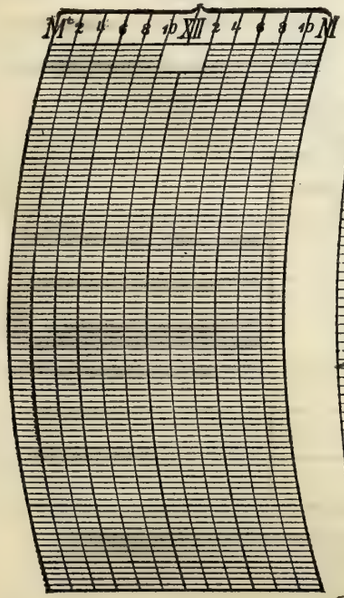
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	53	62	

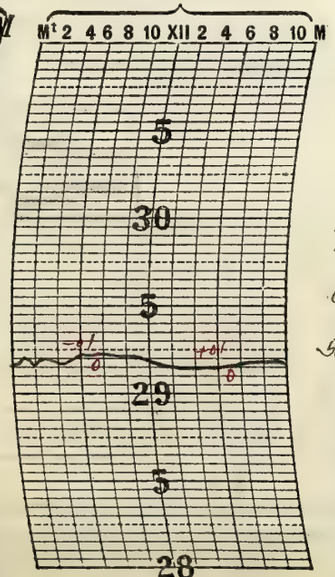
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day Cloudy, Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 23
Prevailing wind direction, NE Total wind 122
Average hourly velocity, 5.1 Extreme velocity, 19
Maximum velocity, 18 Direction, N.E.
Time began, 3:58 am.
Reduced barometer, 30.13 7 a. m. 30.07 7 p. m.
River gage, 2.24
Relative humidity, 82 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 12:38 p.m.
(Local Mean Time.)
Dry temperature, 63.8 Wet temperature, 58.3
Dew-point, 55 R. humidity, 72 V. pressure, .432
Clouds: Amount, 8; Kind, Strat; Direction, NW.
Velocity of clouds (miles per hour)

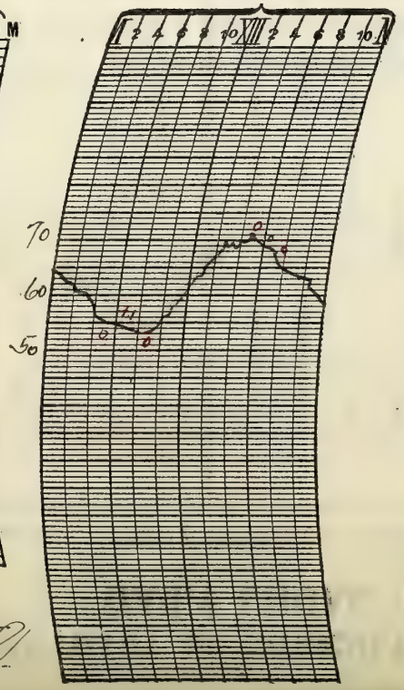
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Cool and cloudy with light rain from 1:10 am to 9:15 am.

Prepared by A. S. Baker

Verified by M. McDonough

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) July 8, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	54	53	52	52	55	59	61	65	68	71	72	73	74	71	69	69	66	63	61	58	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt. Cloudy							Clear											
Sunshine (in tenths of hours)					0	0	0	0.1	0.2	0.2	0.4	0.9	1.0	1.0	1.0	1.0	0.7	0.1	1.0	0.25				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	W	NW	NW
Wind movement	7	6	3	4	5	6	7	7	6	7	5	9	9	10	11	11	12	14	10	8	7	5	7	7
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 4:94 am

Sunset: Time, 7:15 Character, Clear
Moonset: 7:27 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

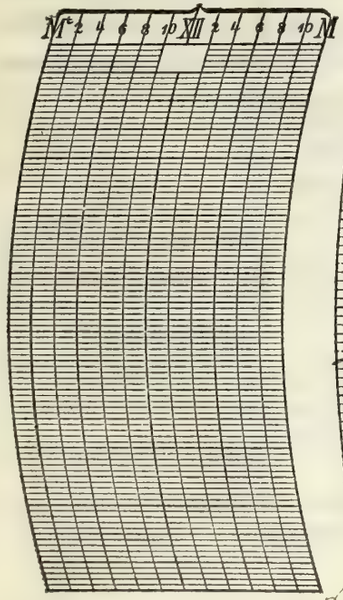
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	52	63	✓

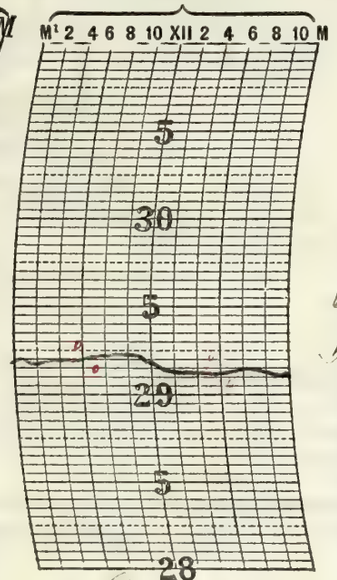
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon 2:22 am
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 59
Prevailing wind direction, NE Total wind 183
Average hourly velocity, 7.6 Extreme velocity, 18
Maximum velocity, 16 Direction, NW
Time began, 2:11 p.m.
Reduced barometer, 30.11 7 a. m. 30.03 7 p. m.
River gage, 2.24
Relative humidity, 68 7 a. m. 44 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 68.0 Wet temperature, 53.2
Dew-point, 40 R. humidity, 36 V. pressure, .247
Clouds: Amount, ~~2~~ Few; Kind, Cl. St.; Direction, NW
Velocity of clouds (miles per hour)

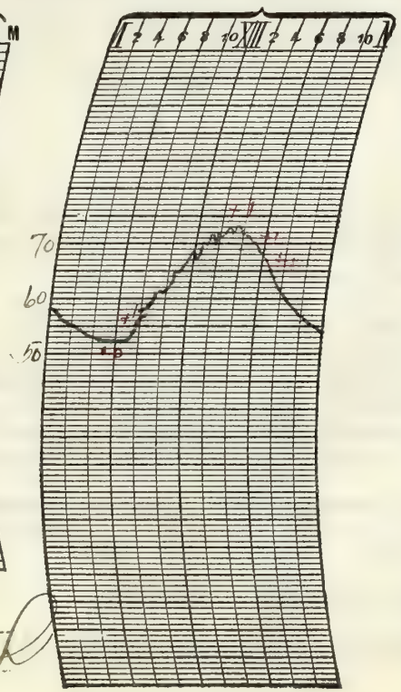
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly Cloudy to Clear Skies, pleasant temperature.

Prepared by W. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) July 9, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	70	55	60	64	69	71	73	75	75	73	72	71	70	69	65	64	63	63	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Pt. Cloudy											
Sunrise: Time, 4:17; Character, Clear																								
Moonrise: 5:38 am																								
Sunset: Time, 7:15; Character, Cloudy																								
Moonset: 8:01 P.M.																								
Sunshine (in tenths of hours)					0.72 0	1.0 0	0.4 0.4	0.9	1.0	0.8	0.9	0.8	0.5	0.4	0	0	0	0	0	0				
Wind direction	NW	NW	NW	NW	W	NW	W	W	W	W	W	NW	NW	W	W	SW	SW	W	W	W	W	W	NW	NW
Wind movement	6	6	6	6	5	4	6	8	11	12	13	13	12	12	13	10	10	10	9	8	8	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	50	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 52
Prevailing wind direction, W Total wind 204
Average hourly velocity, 8.5 Extreme velocity, 18
Maximum velocity, 15 Direction, NW
Time began, 11:47 a.m.
Reduced barometer, 30.03 7 a. m. 29.94 7 p. m.
River gage, 2.0 ft
Relative humidity, 64 7 a. m. 59 7 p. m.

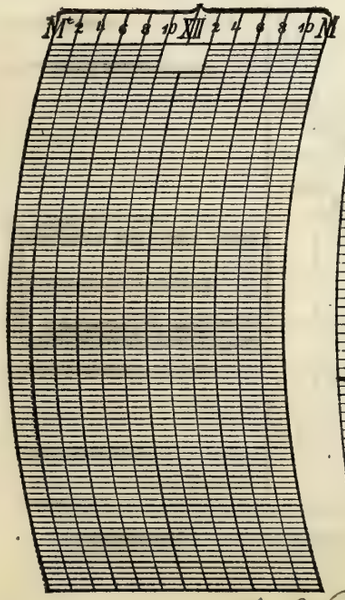
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

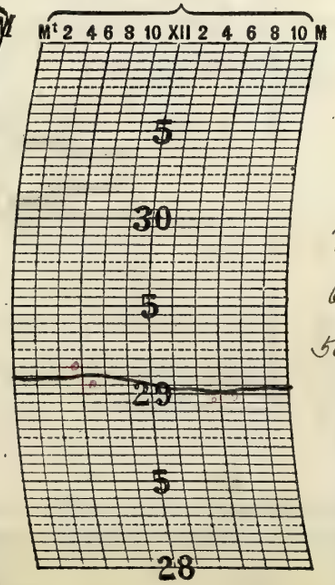
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 56.8
Dew-point, 44 R. humidity, 35 V. pressure, .287
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

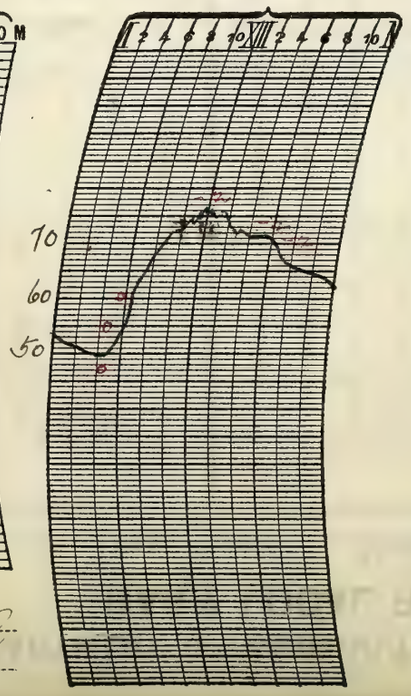
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day opened clear and cool, but with increasing cloudiness after the regular morning observation, the weather being somewhat threatening in the Southwest during the afternoon; moderate temperatures prevailed during the forenoon and afternoon.

Prepared by H. S. Baker

Verified by F. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) July 10, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	56	55	57	60	67	71	72	75	76	77	77	77	75	73	72	70	66	64	61	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →												← Partly Cldy →				← Clear →							
Sunshine (in tenths of hours)					0.7 / 0	0.9 / 0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.8	1.0	1.0	1.0	0.2 / 0.5	1.0 / 0	0.25 / 0				
Wind direction	NW	NW	NW	W	W	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	3	5	4	4	6	6	7	9	15	15	15	17	16	17	17	16	11	10	6	7	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:18 Character, Clear
Moonrise: 6:44 AM
Sunset: Time, 7:15 Character, Clear
Moonset: 8:31 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

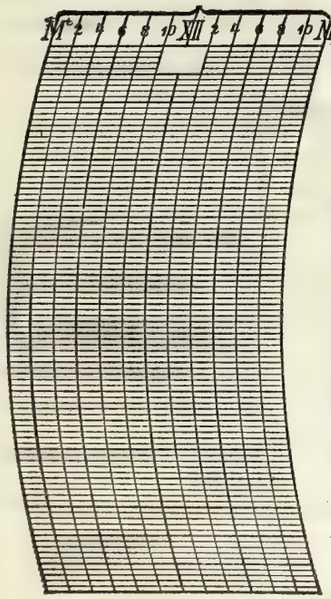
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	55	66	

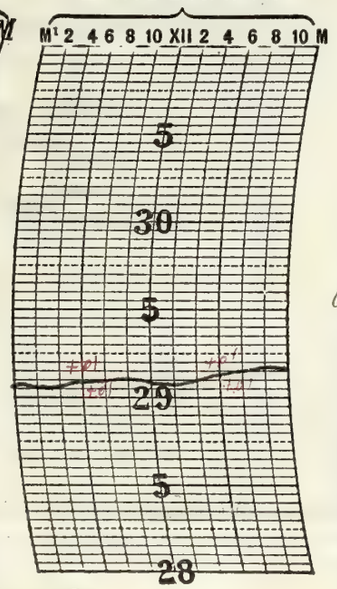
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear 3 Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 14.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 95
Prevailing wind direction, NW Total wind 225
Average hourly velocity, 9.4 Extreme velocity, 22
Maximum velocity, 21 Direction, NW
Time began, 4:07 p.m.
Reduced barometer, 30.02 7 a. m. 30.05 7 p. m.
River gage, 2.04
Relative humidity, 74 7 a. m. 50 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 74.2 Wet temperature, 58.0
Dew-point, 46 R. humidity, 36 V. pressure, .310
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

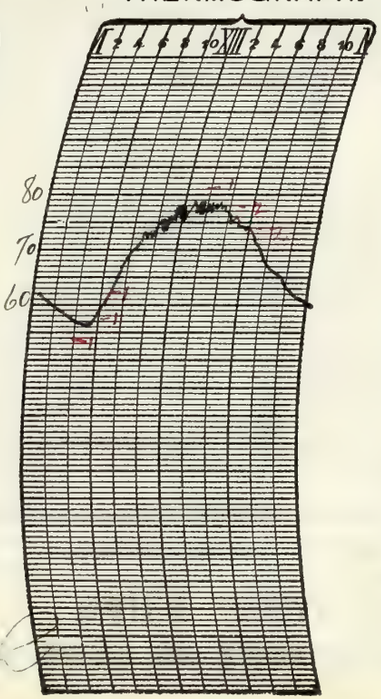
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mostly clear skies, but some cloudiness in the early afternoon, Continued Cool weather,

Prepared by W. S. Baker
Verified by D. M. C. Donough

9—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) July 11, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	54	55	[illegible]	[illegible]	67	67	72	75	76
Nature of precipitation and time of beginning and ending									RB 8:25	RE 9:05		
Amounts of precipitation									T	T		
Cloudiness and other conditions							Clear					

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	62	63	61	62	63	60	57	57	56	54
Nature of precipitation and time of beginning and ending			RB 2:30 RE 2:45		RB 4:10 RE 4:20							
Amounts of precipitation			.07		.04							
Cloudiness and other conditions			Pt. Cloudy					Clear				

Sunrise: Time, 4:18 Character, Clear

Moonrise: 7:40 AM

Sunset: Time, 7:14 Character, Cloudy

Moonset: 8:57 PM

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.7	1.0	1.0		0	0	0	0.6	0	0.9	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	SW	SW
Wind movement	5	4	3	3	3	2	3	2	5	6	10	14

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.4	0.2	0.1	0.1	0	0.3	0	0				
Wind direction	SW	W	NE	NE	N	E	SW	SW	W	W	N	N
Wind movement	13	12	12	9	5	5	3	4	5	4	5	5

State of weather.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.3 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 49

Prevailing wind direction, NW Total wind 142

Average hourly velocity, 5.9 Extreme velocity, 24

Maximum velocity, 23 Direction, NE

Time began, 2:11 PM

Reduced barometer, 30.15 7 a. m. 30.11 7 p. m.

River gage, 2.0 10

Relative humidity, 69 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:38 PM.
(Local Mean Time.)

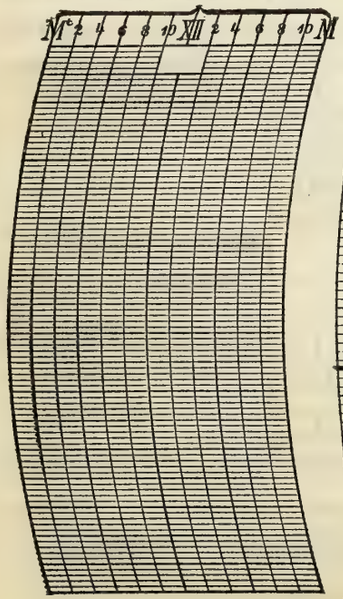
Dry temperature, 74.5 Wet temperature, 60.8

Dew-point, 52 R. humidity, 45 V. pressure, .387

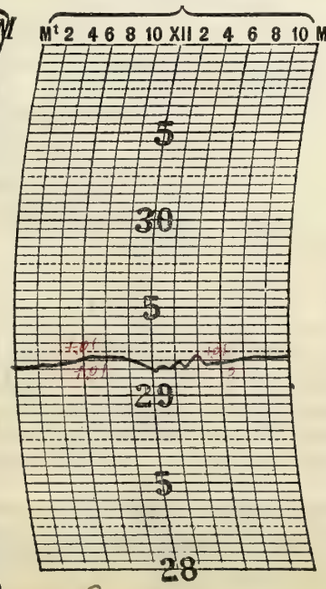
Clouds: Amount, 3/4; Kind, Cu Sc; Direction, NW

Velocity of clouds (miles per hour)

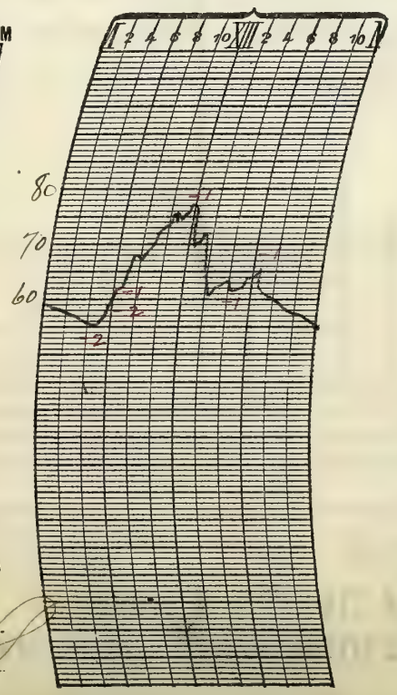
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Baxter

Verified by F. M. Donough

8—486

ø Sunset obscured by bank of Cu clouds.

NOTES.

Mostly clear forenoon and night, but afternoon partly cloudy and threatening with thundershowers. First thunder heard at 2:20 pm; last thunder heard at 2:45 pm; storm came from the north.

Moderate midday temperatures, but morning and night temperatures unseasonably low.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 12 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	53	54	54	61	66	68	70	72	73	75	74	76	77	77	76	72	69	67	64	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Pt. Cloudy						Clear					
Sunrise: Time, Character	4:19 Cloudy																				Sunset: Time, Character	7:14 Cloudy		
Moonrise	8:46 am																				Moonset	9:22 pm		
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	0.8	0.3	0.8	0.7	0.3	0.8	0.6	0					
Wind direction	N	NW	N	N	N	NW	N	N	N	N	N	NE	NE	NE	NE	N	NW	N	N	N	NE	NE	NW	NW
Wind movement	3	5	5	4	4	4	4	7	8	10	11	11	10	8	6	9	7	7	6	5	3	3	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

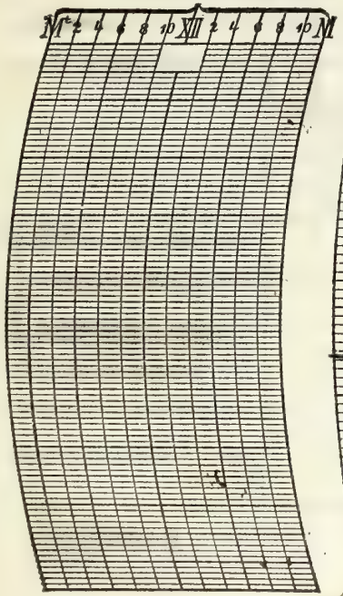
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.7 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 65
Prevailing wind direction, N Total wind 148
Average hourly velocity, 6.2 Extreme velocity, 14
Maximum velocity, 13 Direction, NE
Time began, 10:58 a.m.
Reduced barometer, 30.20 7 a. m. 30.13 7 p. m.
River gage, 1.9 ft.
Relative humidity, 76 7 a. m. 45 7 p. m.

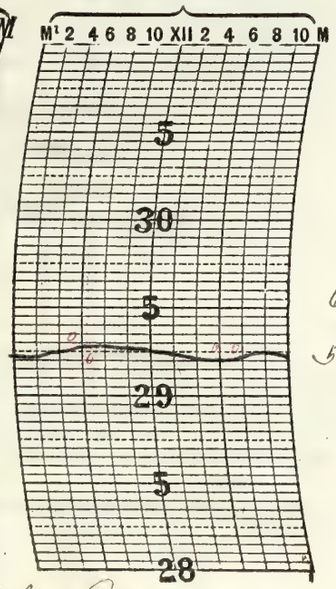
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 60.0
Dew-point, 52 R. humidity, 49 V. pressure, .387
Clouds: Amount, 1; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

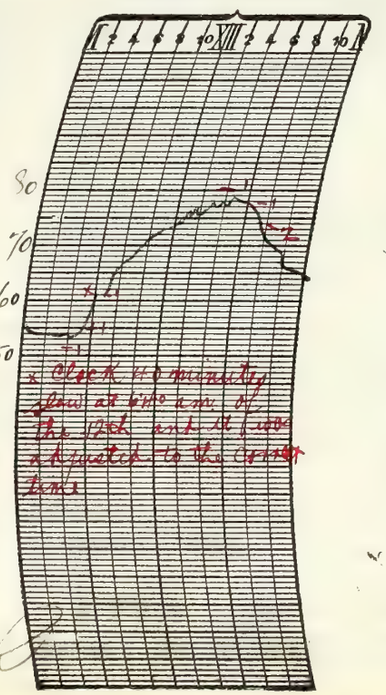
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. S. Baker
Verified by P. M. Kanough

3—486

Sunset obscured by low St. Cu clouds.

NOTES.

Heavy dew deposit in the early morning
Clear morning and night but some cloudiness during the middle day hours. Continued moderately cool weather.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Saturday, (Date) July 13, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	57	56	59	6[illegible]	69	70	72	73	76	77	77	78	77	77	76	75	72	73	71	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear							→	← Pt Cloudy				→	Cloudy	← Pt	→	Cloudy			
Sunshine (in tenths of hours)					0.7 / 0	0.9 / 0.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0	0.1	0	0	0	0				
Wind direction	N	N	N	N	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	NW	N	N	N	N
Wind movement	4	4	4	5	5	4	6	8	9	8	8	7	8	7	7	5	3	3	1	2	5	3	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4.20 Character, Clear
Moonrise: 9.46 am
Sunset: Time, 7:13 Character, Cloudy
Moonset: 9.47 P.m

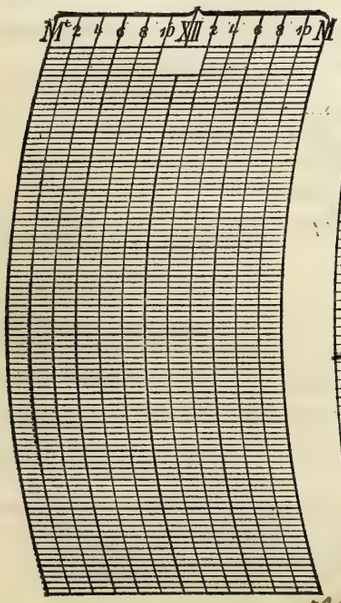
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	56	67	

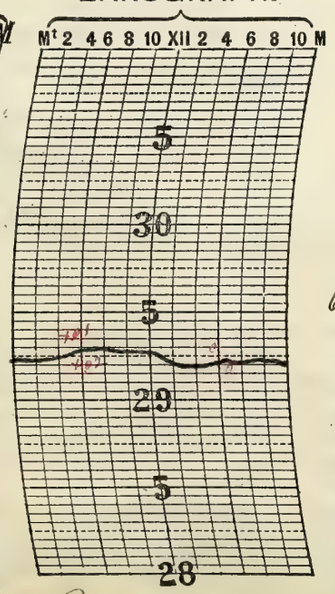
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.4 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 70
Prevailing wind direction, NE Total wind 122
Average hourly velocity, 5.1 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 7:45 a.m.
Reduced barometer, 30.21, 7 a. m. 30.12, 7 p. m.
River gage, 1.9 ft
Relative humidity, 70 7 a. m. 43 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 76.0 Wet temperature, 59.5
Dew-point, 48 R. humidity, 37 V. pressure, .334
Clouds: Amount, 5; Kind, Cu; Direction, W E
Velocity of clouds (miles per hour)

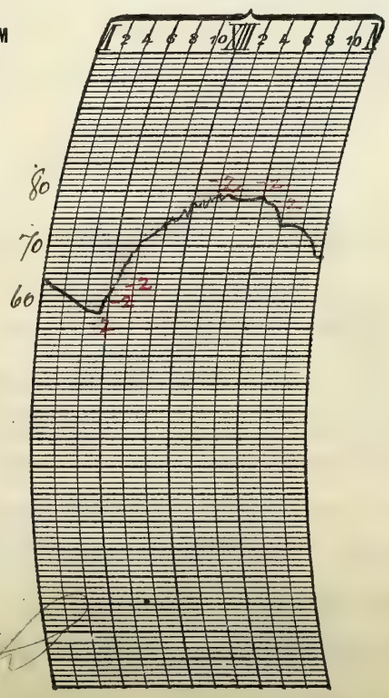
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness with rising temperature from the east & barometer falls. Stratus clouds from the west prevailing.

Prepared by W S Baker
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 14, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	62	61	60	63	66	72	76	79	81	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←					Clear		
Sunrise: Time, Character,	4:21 Clear											
Moonrise:	10:45 Clear											
Sunshine (in tenths of hours)					0.65 0	1.0 0	1.0	1.0	1.0	1.0	1.0	0.8
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	N	NE
Wind movement	3	3	4	3	3	2	3	4	4	5	4	4
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	85	83	84	83	83	81	78	74	72	69	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunset: Time, Character,									7:13 Clear			
Moonset:									10:11 P.M.			
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	1.0	0.7 0.3	1.0 0	0.2 0				
Wind direction	NW	W	E	W	E	S	SE	S	S	NE	NE	SE
Wind movement	4	6	3	3	4	4	2	1	1	2	1	2
Maximum velocities (exceeding 29 miles) direction and time												

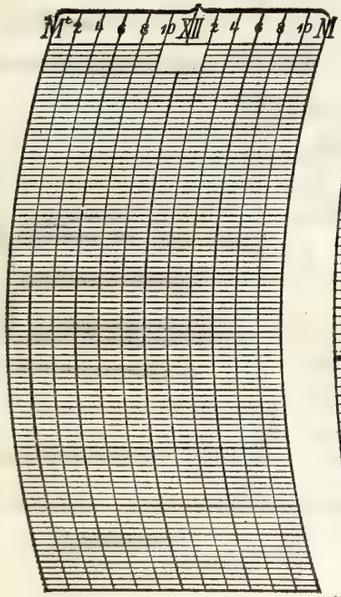
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	60	72	

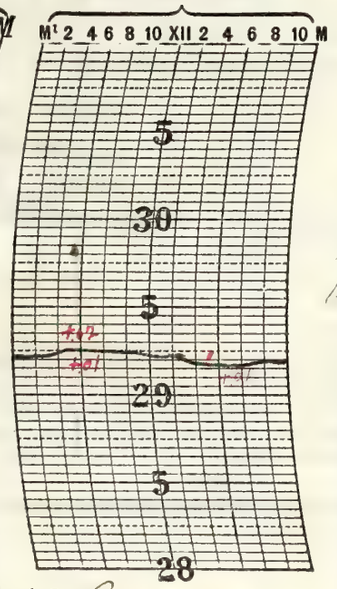
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.6 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 98
Prevailing wind direction, NE Total wind 75
Average hourly velocity, 3.1 Extreme velocity, 6
Maximum velocity, 6 Direction, NW
Time began, 12:11 P.M.
Reduced barometer, 30.18 7 a. m. 30.09 7 p. m.
River gage, 1.9 ft.
Relative humidity, 66 7 a. m. 30 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 81.0 Wet temperature, 60.0
Dew-point, 44 R. humidity, 28 V. pressure, .287
Clouds: Amount, 3; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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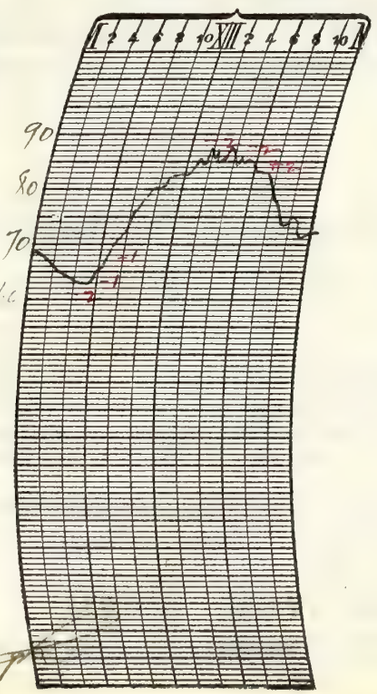


NOTES.

While there were some clouds the weather was mostly clear and fine, with moderately high temperature.

Prepared by F. S. Baker

Verified by F. M. Donovan

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Monday, (Date) July 15, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	61	64	66	67	72	78	79	81	83	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy							
Sunshine (in tenths of hours)					0	0	0.4	0.6	0.4	1.0	1.0	0.9
Wind direction	N	0	N	SE	SE	SE	S	S	SW	SW	SW	SW
Wind movement	1	0	2	3	2	3	5	7	7	7	8	6
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:21 Character, Cloudy
Moonrise: —

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	83	83	83	82	79	77	77	75	72	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	* 0.7	* 0.4	0	0	0	0	0	0				
Wind direction	SW	W	W	W	W	NW	W	W	W	W	NW	NW
Wind movement	8	5	6	7	9	6	4	3	3	3	3	4
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 7:12 Character, Cloudy
Moonset: 10.37 P.M.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	61	74	

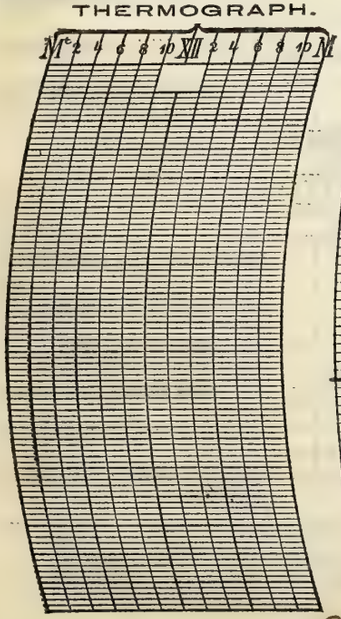
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 38
Prevailing wind direction, W Total wind 112
Average hourly velocity, Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 4:59 p.m.
Reduced barometer, 30.12 7 a. m. 30.06 7 p. m.
River gage, 1.9 ft
Relative humidity, 49 7 a. m. 52 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

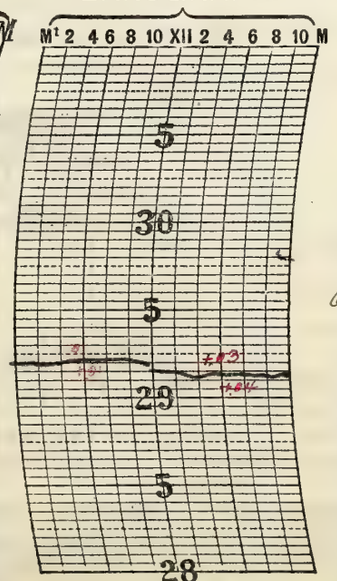
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 84.0 Wet temperature, 63.5
Dew-point, 50 R. humidity, 31 V. pressure, .360
Clouds: Amount, 6 2; Kind, Cu St+; Direction, W
Velocity of clouds (miles per hour)

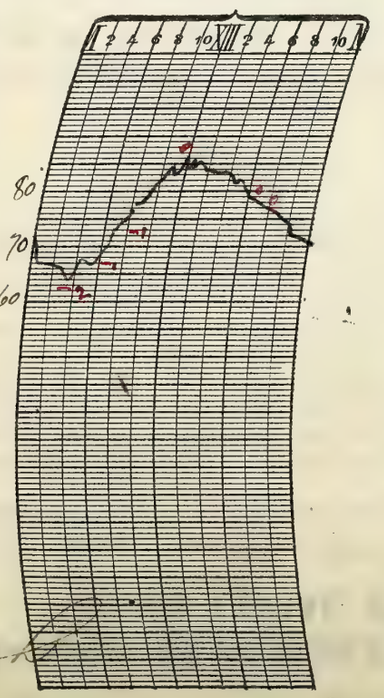
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds

NOTES.

The forenoon was generally partly cloudy and later afternoon and night were mostly cloudy. Moderate temperatures prevailed, but the afternoon was quite warm.

Prepared by J. S. Baker
Verified by J. M. Cromwright

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Tuesday, (Date) July 16, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	66	65	65	65	65	64	65	65	64	67
State of weather: Nature of precipitation and time of beginning and ending		RB IN	–	RE IN.		RB 5:35	–		RE 8:30 RB 8:50	–	RE 10.45	
Amounts of precipitation		.01	.05	.01		T	.09	.06	.01	.10	.13	
Cloudiness and other conditions						Cloudy					Pt Cloudy	
Sunrise: Time, Character	4:22 Cloudy											
Moonrise	12:42 P.M.											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	
Wind direction	NW	W	N	N	NE	E	E	E	SE	SE	SE	SE
Wind movement	4	6	4	5	6	2	3	4	6	7	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	68	67	66	66	66	66	66	65
State of weather: Nature of precipitation and time of beginning and ending			RB 2:45	RE 3:20								
Amounts of precipitation			T	T								
Cloudiness and other conditions			Cloudy									
Sunset: Time, Character									7:11 Cloudy			
Moonset									11:07 P.M.			
Sunshine (in tenths of hours)	0.7	0	0	0	0	0	0	0				
Wind direction	SE	SE	SE	E	E	E	E	E	E	NE	NE	NE
Wind movement	9	8	4	4	4	4	5	3	3	2	4	6

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

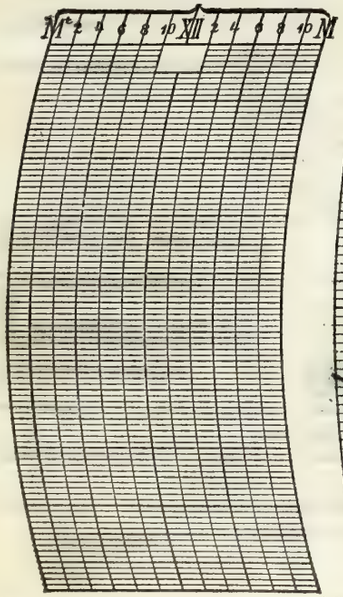
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	64	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., .33 ins.
Total precipitation, midnight to midnight, .46 inches.
Character of day, Cloudy, Moon phase, First Quarter 12:25 am
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.9 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 6
Prevailing wind direction, E Total wind 119
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 11:36 am
Reduced barometer, 30.03 7 a. m. 29.94 7 p. m.
River gage, 2.0 ft.
Relative humidity, 94 7 a. m. 93 7 p. m.

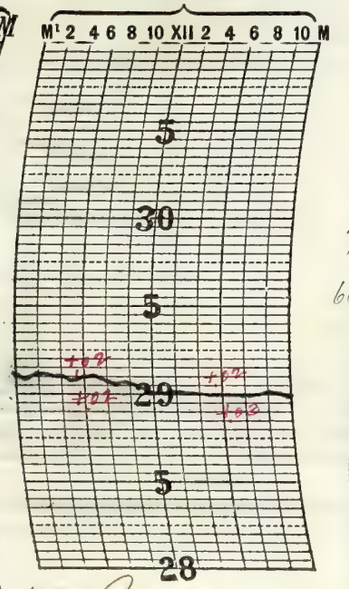
OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM (Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 64.2
Dew-point, 62 R. humidity, 81 V. pressure, .552
Clouds: Amount, 5; Kind, Strat; Direction, V
Velocity of clouds (miles per hour)

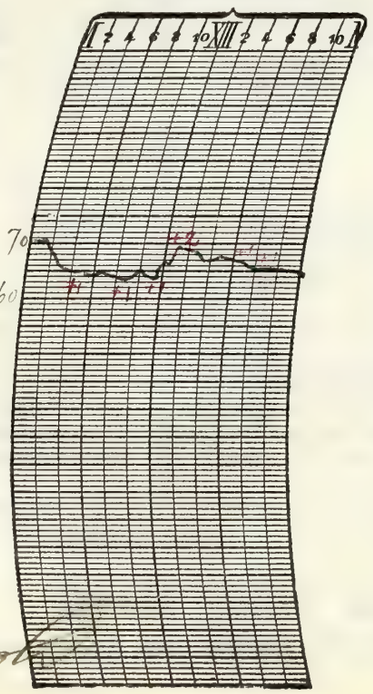
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with showers and moderate temperature

Prepared by N S Baker

Verified by C. McDonough

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) July 17, 191[illegible]

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	64	63	63	64	65	[illegible]	69	71	73	77	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy →	×Cl.	Cl.	Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.6	0.1	0.8
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	[illegible]
Wind movement	4	3	1	3	2	3	4	6	6	6	3	4
Maximum velocities (exceeding ... miles) direction and time												
Excessive precipitation, accumulated amounts												

Sunrise: Time, 4:23 Character, Cloudy

Moonrise: 1:42 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	79	78	77	[illegible]	[illegible]	69	66	63	61	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy →	×Cloudy	×Clear	× Hazy								
Sunshine (in tenths of hours)	0.8	0.7	‡0.2	‡0.6	0.2	×1.0	×0.3	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	6	8	9	9	8	6	7	8	6	6	5
Maximum velocities (exceeding ... miles) direction and time												
Excessive precipitation, accumulated amounts												

Sunset: Time, 7:11 Character, Cloudy

Moonset: 11:40 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70.1	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cl. Cloudy, Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 5.9 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 40

Prevailing wind direction, NW Total wind 129

Average hourly velocity, 5.4 Extreme velocity,

Maximum velocity, 11 Direction, NW

Time began, 12:54 pm

Reduced barometer, 29.98 7 a. m. 29.92 7 p. m.

River gage,

Relative humidity, 88 7 a. m. 68 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 P.M.
(Local Mean Time.)

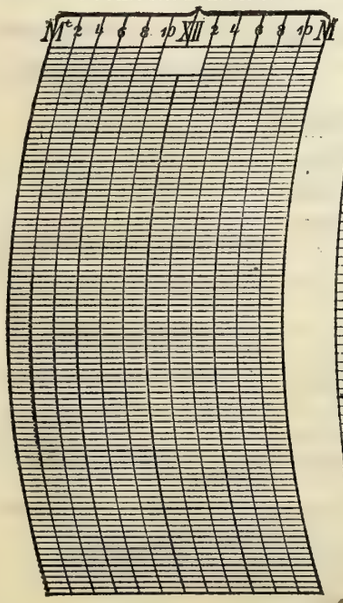
Dry temperature, 78.0 Wet temperature, 68.0

Dew-point, 63 R. humidity, 60 V. pressure, .575

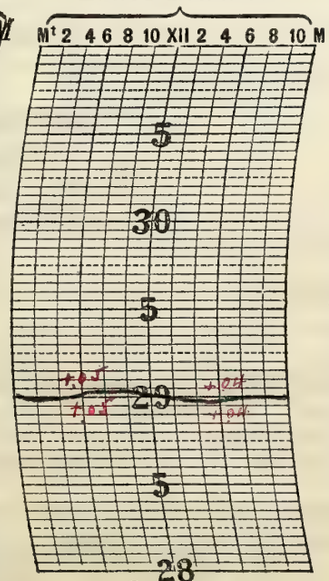
Clouds: Amount, 7; Kind, Cu; Direction,

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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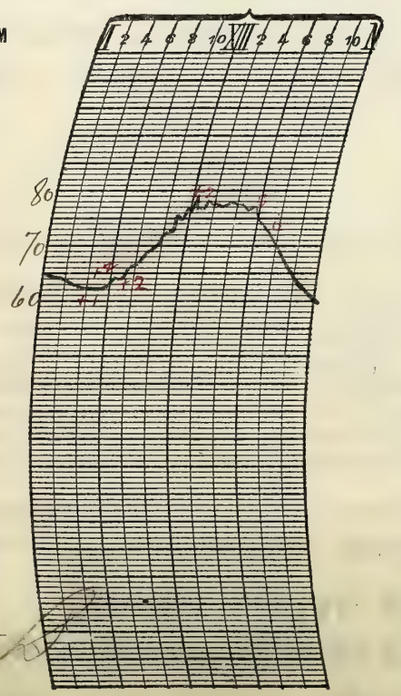


‡ Sun shining through detached clouds.
× From eye observations

NOTES.

Cool and mostly partly cloudy weather

Prepared by J. S. Baker

Verified by J. M. Kavanaugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Thursday, (Date) July 18, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	56	55	56	59	61	64	68	72	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.6	0.8
Wind direction	NW	N	NW	N	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	4	4	5	4	5	5	5	3	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	77	79	79	80	80	76	71	69	68	66	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy				Clear				
Sunshine (in tenths of hours)	0.9	0.9	1.0	1.0	1.0	0.3	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	5	4	4	4	6	5	5	5	6	8	5	4

Sunrise: Time, 4:24 Character, Cloudy

Moonrise: 2:42 P.M.

Sunset: Time, 7:10 Character, Clear

Moonset: — —

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 57

Prevailing wind direction, NW Total wind 116

Average hourly velocity, 4.8 Extreme velocity, 9

Maximum velocity, 9 Direction, NW

Time began, 9:01 p m

Reduced barometer, 29.95 7 a. m. 29.86 7 p. m.

River gage, 2.5 ft

Relative humidity, 85 7 a. m. 43 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p m
(Local Mean Time.)

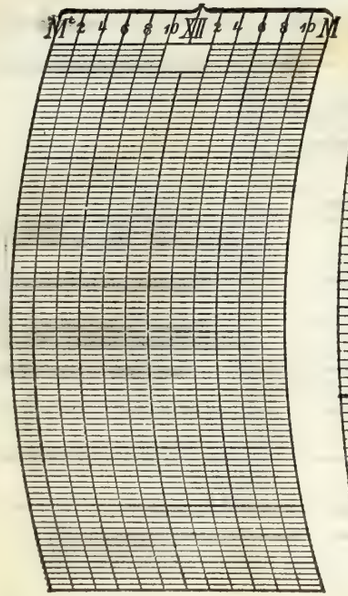
Dry temperature, 71.8 Wet temperature, 63.2

Dew-point, 59 R. humidity, 62 V. pressure, .499

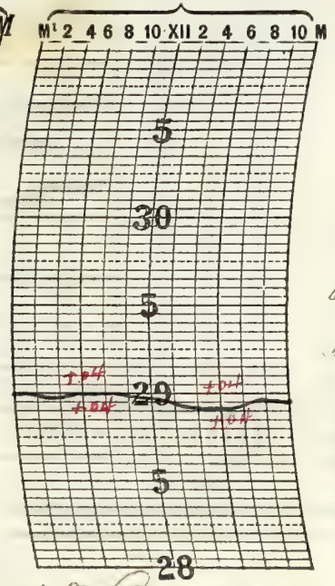
Clouds: Amount, 7; Kind, Cu St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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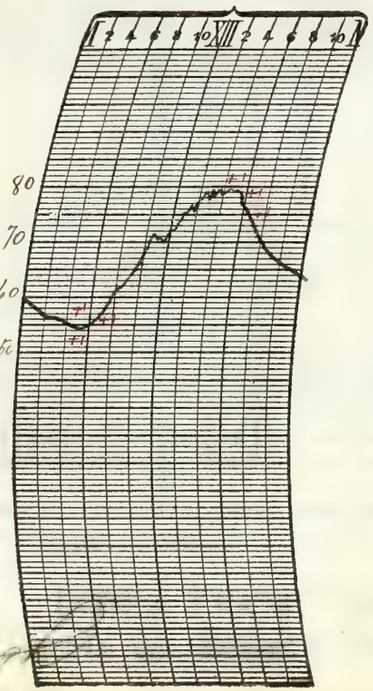


NOTES.

The day as a whole was Partly Cloudy, but the night was Clear moderate temperature obtained.

Prepared by N S Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) July 19, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	60	60	63	[illegible]	73	76	79	82	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	0.9
Wind direction	N	N	NE	NE	NE	NE	N	NE	NE	NE	NE	NE
Wind movement	4	7	6	5	5	6	5	5	5	4	3	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	85	86	85	84	[illegible]	[illegible]	77	74	74	69	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0	0			
Wind direction	NE	N	NE	NW	N	NW	N	N	N	NW	NW	0
Wind movement	4	4	4	7	5	6	3	2	1	1	1	0

Sunrise: Time, 4:25; Character, Clear. Moonrise: 8:42 P.M.

Sunset: Time, 7:09; Character, Clear. Moonset: 12:17 AM

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

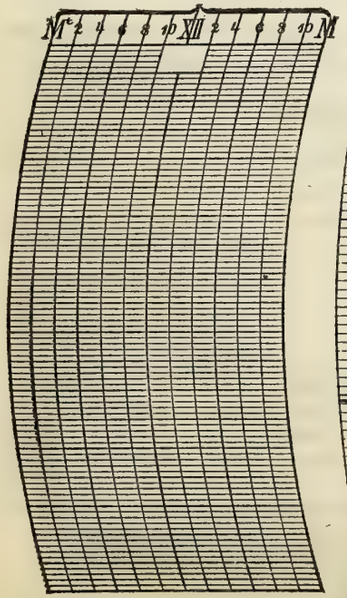
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	60	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 97
Prevailing wind direction, NE Total wind 93
Average hourly velocity, 3.9 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 3:02 pm
Reduced barometer, 29.97 7 a. m. 29.96 7 p. m.
River gage, 1.94
Relative humidity, 77 7 a. m. 30 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 80.5 Wet temperature, 62.5
Dew-point, 51 R. humidity, 36 V. pressure, .373
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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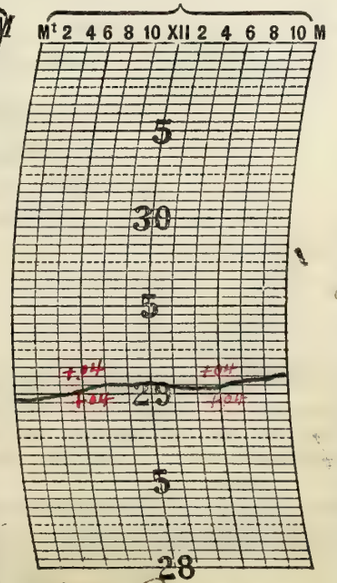

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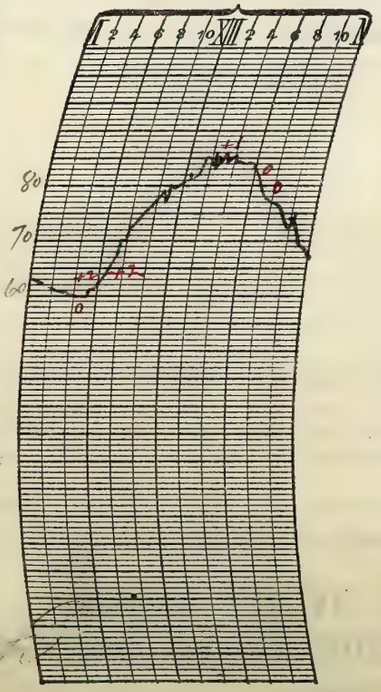


NOTES.

Clear and pleasant.

Prepared by W. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

Form No. 1012—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) July 20, 1918

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	65	65	65	65	67	70	77	80	85	86	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					0.5 0	0.8 0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	5	6	6	4	3	6	4	6	7	5	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	88	89	89	89	88	87	82	80	78	76	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.5 0				
Wind direction	W	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	6	6	5	6	6	5	6	4	3	4	2
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:26; Character, Clear. Moonrise: 4:37 P.M.

Sunset: Time, 7:09; Character, Clear. Moonset: 1:07 AM

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	65	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0–10), Few

Actual sunshine, hours, 14.7. Possible sunshine, hours, 14.7

Per cent of possible sunshine, 100

Prevailing wind direction, S. Total wind 119

Average hourly velocity, 5.0. Extreme velocity, 9

Maximum velocity, 9. Direction, SW

Time began, 1:48 pm.

Reduced barometer, 30.12 7 a. m. 30.07 7 p. m.

River gage, 1.8 ft.

Relative humidity, 54 7 a. m. 40 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm (Local Mean Time.)

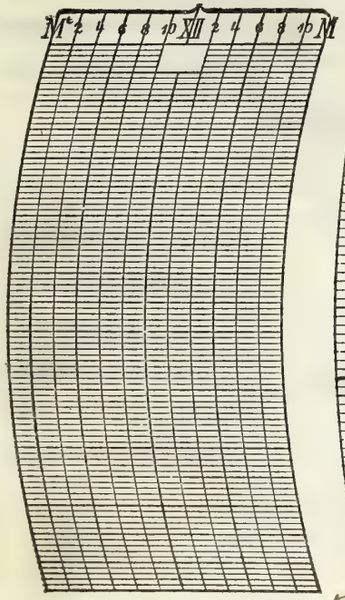
Dry temperature, 87.0. Wet temperature, 65.0

Dew-point, 51. R. humidity, 30. V. pressure, .373

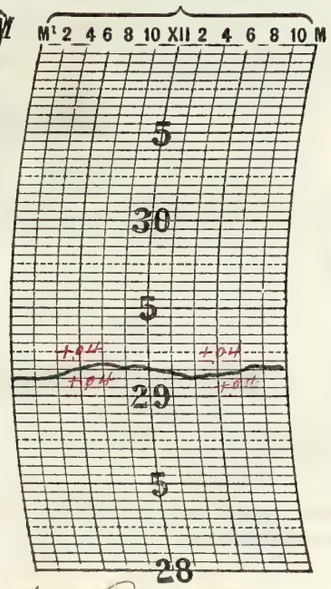
Clouds: Amount, 1; Kind, Cst; Direction, W

Velocity of clouds (miles per hour)

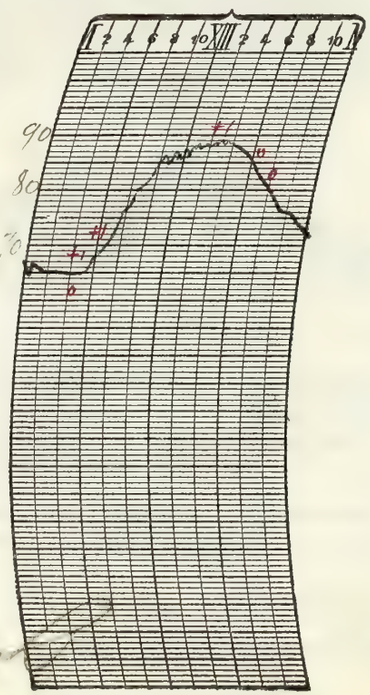
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and warm weather

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 21, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	68	67	67	[illegible]	72	81	85	88	87	89
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunrise: Time, 4:27; Character, Clear												
Moonrise: 5:28 P.m.												
Sunshine (in tenths of hours)					0.55	0.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S.W.	S	S	S
Wind movement	3	1	1	1	2	1	3	3	5	6	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	92	90	89	88	[illegible]	[illegible]	83	80	78	78	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					—	Pt. Cldy	>	<	Cloudy			
Sunset: Time, 7:08; Character, Cloudy												
Moonset: 2:01 a.m.												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0	0	0				
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	8	9	8	6	4	4	1	2	1	3	1
Maximum velocities (exceeding 29 miles) direction and time												

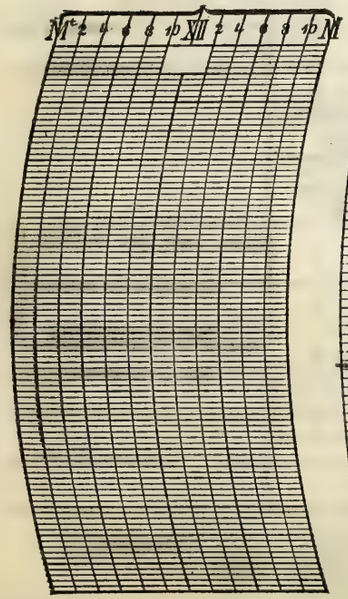
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	67	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 12.3 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 8
Prevailing wind direction, S Total wind
Average hourly velocity, 3 Extreme velocity, 12
Maximum velocity, 12 Direction,
Time began, 2:41 pm.
Reduced barometer, 30.15 7 a. m. 30.07 7 p. m.
River gage, 1.87
Relative humidity, 58 7 a. m. 23 7 p. m.

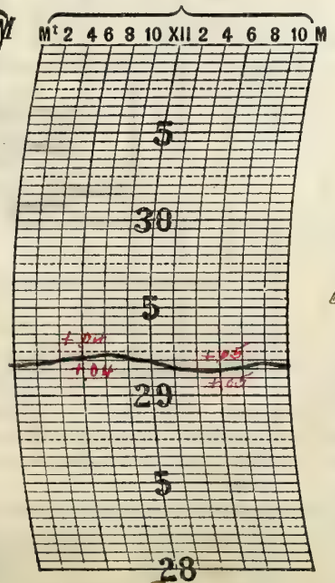
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 89.0 Wet temperature, 64.0
Dew-point, 47 R. humidity, 24 V. pressure, .322
Clouds: Amount, 1; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

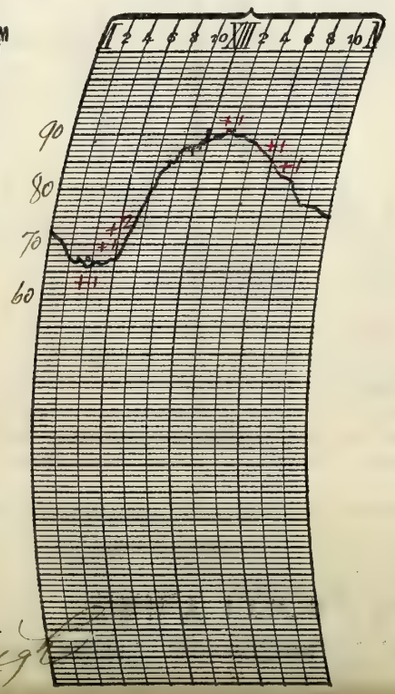
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness after 2 p.m. the night being mostly cloudy. The day was intensely warm.

Prepared by W. S. Baker

Verified by R. McKnought

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) July 22, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	74	74	73	[illegible]	73	72	75	80	82	85
Nature of precipitation and time of beginning and ending					HG 4:15 RE 4:50		RR 6:10		—	RE 9:15		
Amounts of precipitation					T		.03	.04	T	T		
Cloudiness and other conditions	Cloudy										Clear	
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	1.0	1.0
Wind direction	S	S	S	S	S	SW	S	W	W	NW	NW	S
Wind movement	1	3	5	3	5	6	6	5	5	3	2	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	83	80	80	80	80	79	76	74	73	72	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	1.0	0.6	0	0	0	0	0	0				
Wind direction	S	S	S	SE	SE	E	SE	S	S	S	S	S
Wind movement	5	4	6	7	4	2	4	4	7	7	6	5

Sunrise: Time, 4:27 Character, Cloudy
Moonrise: 6:14 P.M.
Sunset: Time, 7:07 Character, Cloudy
Moonset: 3:01 A.M.

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

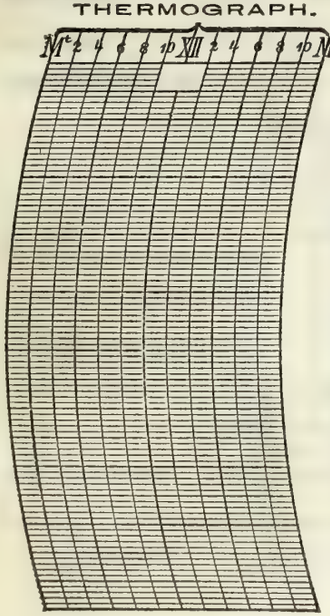
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	71	78	

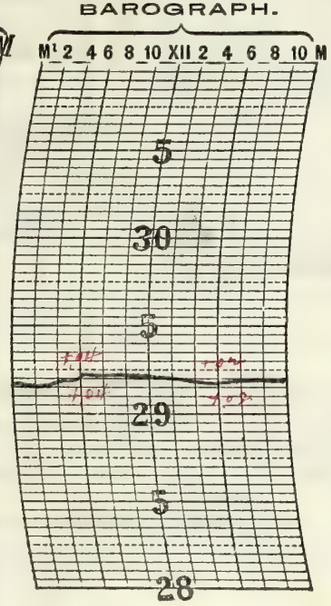
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.02 ins.; to 7 p. m., 0.05 ins.
Total precipitation, midnight to midnight, 0.07 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.7 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 25
Prevailing wind direction, S Total wind 167
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 2:59 p.m.
Reduced barometer, 30.15 7 a. m. 30.09 7 p. m.
River gage, 1.8 ft.
Relative humidity, 86 7 a. m. 71 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 7 A.M. 7 P.M.
(Local Mean Time.)
Dry temperature, 84.6 Wet temperature, 68.1
Dew-point, 60 R. humidity, 43 V. pressure, .517
Clouds: Amount, 2; Kind, Cu Ast; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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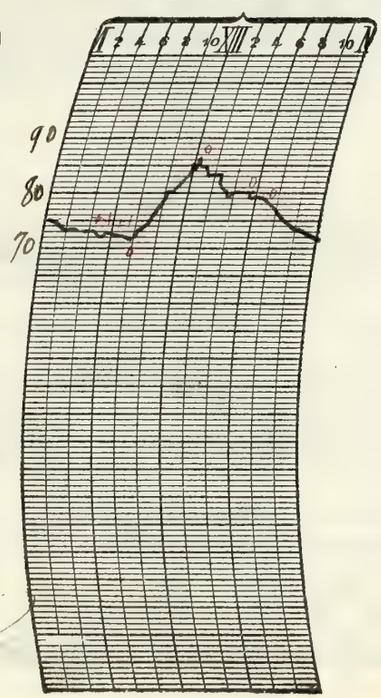


NOTES.

The weather was mostly cloudy with showers in the forenoon. Moderate temperatures obtained.

Prepared by H. S. Dater
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) July 23, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	69	68	68	70	73	79	82	84	87	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)					0.53 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	S	SW	SW	S	S	S	S	S	S	S	SW	SW
Wind movement	7	7	7	3	3	4	2	3	2	3	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	89	90	90	92	80	80	77	72	70	70	70
State of weather: Nature of precipitation and time of beginning and ending								*TS 7:45	—	*RE 9:45		
Amounts of precipitation								T	T	.06		
Cloudiness and other conditions							Partly	Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	SW	SW	S	SW	SW	E	E	NE	NE	SE	SE	SE
Wind movement	7	7	9	10	8	8	4	7	12	6	8	4

Sunrise: Time, 4:28 Character, Clear

Moonrise: 6:54 P.M.

Sunset: Time, 7:06 Character, Cloudy

Moonset: 4:12 A.M.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Clear Moon phase, Full Moon 2:35 pm

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 88

Prevailing wind direction, S Total wind 142

Average hourly velocity, 5.9 Extreme velocity, 23

Maximum velocity, 20 Direction, N

Time began, 8:06 pm

Reduced barometer, 30.12 7 a. m. 30.01 7 p. m.

River gage, 1.8 ft

Relative humidity, 84 7 a. m. 54 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

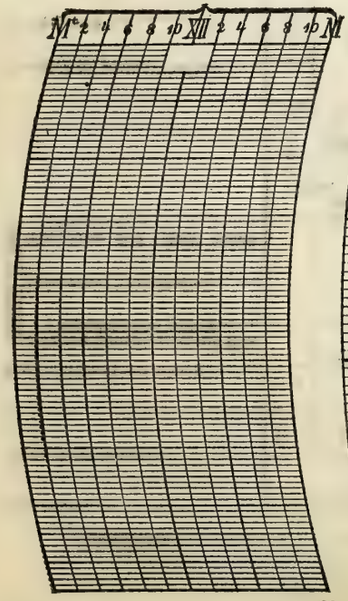
Dry temperature, 88.2 Wet temperature, 73.0

Dew-point, 66 R. humidity, 48 V. pressure, .638

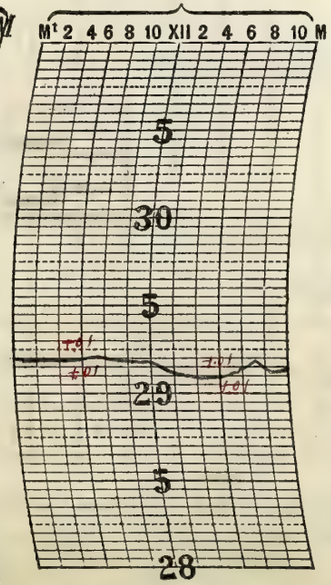
Clouds: Amount, 1; Kind, Strat.; Direction, SW

Velocity of clouds (miles per hour)

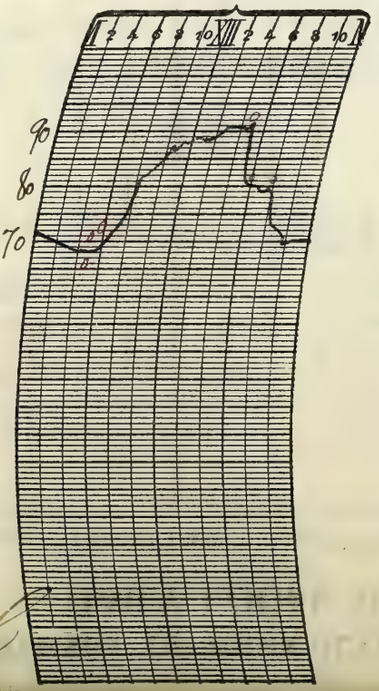
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was generally clear and intensely warm, with increasing cloudiness in the evening and thundershowers at night.

The first thunder was heard at 8:45 P.M.; last heard at 9:45 P.M.; and storm came from the southwest.

Prepared by G. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) July 24, 1918

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	70	70	70	69	70	72	75	78	82	84	87	89	91	91	90	88	88	85	83	81	79	78	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy		Pt Cloudy				Clear								Pt Cloudy					
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0				
Wind direction	S	S	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	W
Wind movement	3	5	4	3	1	4	3	3	5	6	7	5	7	5	7	8	9	5	5	1	3	5	5	7
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:29; Character, Cloudy

Moonrise: 7:29 P.M.

Sunset: Time, 7:05; Character, Cloudy

Moonset: 5:24 A.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	69	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.6 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, inches.

Character of day, Pt. Cloudy; Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.7; Possible sunshine, hours, 14.6

Per cent of possible sunshine, 66

Prevailing wind direction, SW; Total wind 116

Average hourly velocity, 4.8; Extreme velocity, 11

Maximum velocity, 11; Direction, SW

Time began, 4:18 pm

Reduced barometer, 30.06 7 a. m. 29.96 7 p. m.

River gage, 2.0 ft.

Relative humidity, 76 7 a. m. 46 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 PM (Local Mean Time.)

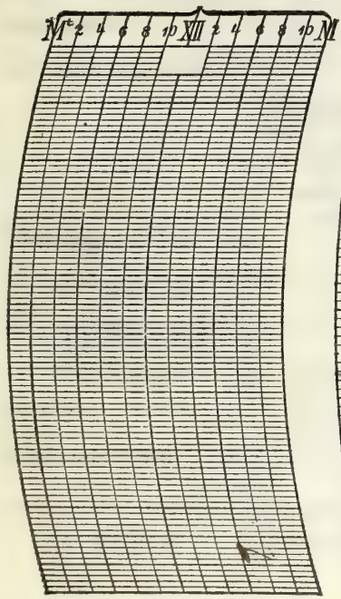
Dry temperature, 86.0; Wet temperature, 73.0

Dew-point, 67; R. humidity, 54; V. pressure, .661

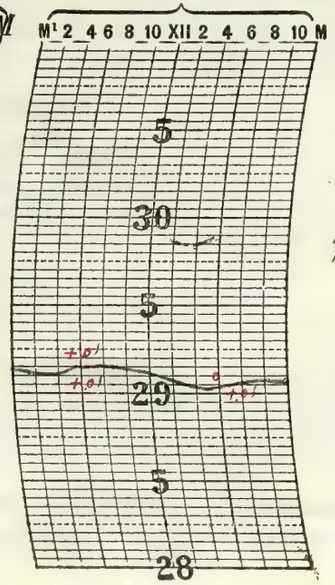
Clouds: Amount, 1; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

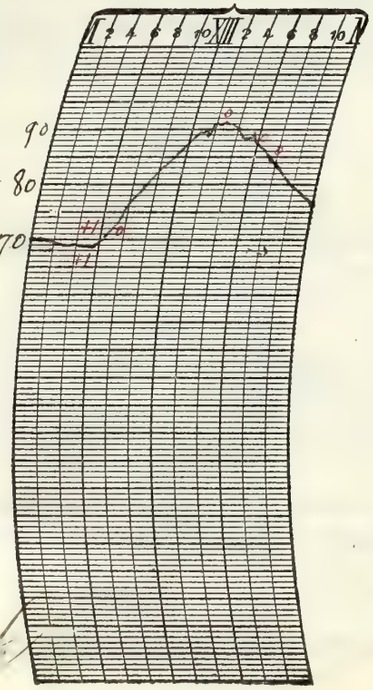
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly Cloudy and intensely warm weather. There were frequent flashes of lightning in the South during the evening

Prepared by H. S. Cooper

Verified by J. McNamara

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 25 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	73	73	73	74	75	82	84	87	89	91
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy			Clear				
Sunrise: Time, 4:30 Character, Cloudy												
Moonrise: 8:01 P.M.												
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	3	4	7	6	6	4	7	5	7	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	92	86	82	80	75	78	73	74	73	73	72
State of weather: Nature of precipitation and time of beginning and ending						RB 5:50	RE 6:10		RB	RE 9:05		
Amounts of precipitation						T	T		.01	T		
Cloudiness and other conditions			Pt Cloudy				Cloudy					
Sunset: Time, 7:04 Character, Cloudy												
Moonset: 6:37 Am												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	SW	SW	SW	S	S	W	W	SW	SW	SW	SW	S
Wind movement	10	11	14	18	10	7	5	10	7	8	10	7

Maximum velocities (exceeding 25 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

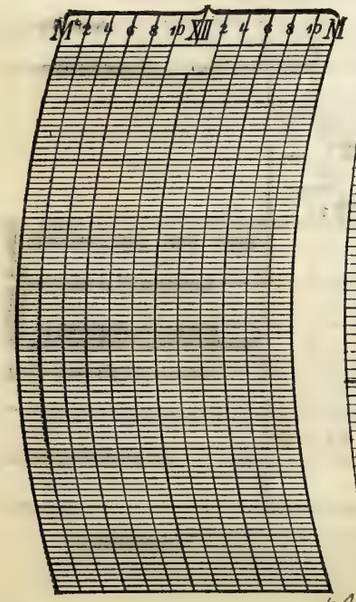
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	72	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.3 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind 191
Average hourly velocity, 8.0 Extreme velocity, 23
Maximum velocity, 21 Direction, S
Time began, 3:18 pm
Reduced barometer, 30.0 7 a. m. 29.99 7 p. m.
River gage, 2.0 ft
Relative humidity, 78 7 a. m. 63 7 p. m.

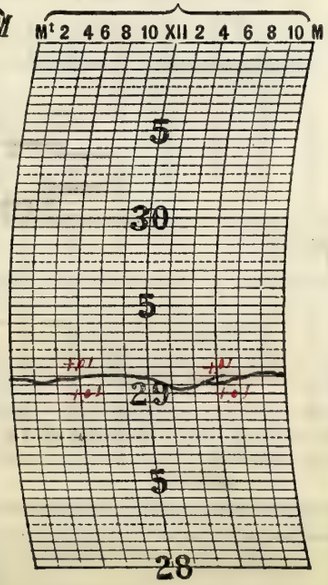
OBSERVATIONS AT ~~12 NOON~~. 12:35 pm
(Local Mean Time.)

Dry temperature, 90.0 Wet temperature, 74.0
Dew-point, 67 R. humidity, 47 V. pressure, .661
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

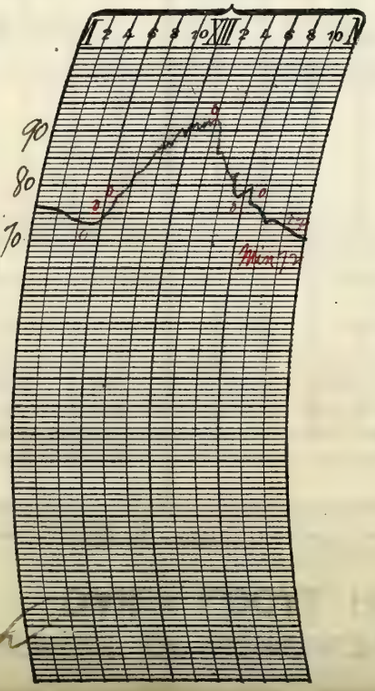
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy, intensely warm and muggy weather with showers in the evening and night. First thunder heard at 3:20 pm, last heard at 9:05 pm. The thunder clouds came from the southeast.

Prepared by H. S. Barker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 26 1918, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	72	73	73	73	73	75	84	87	88	91	92	91	93	88	86	81	83	78	77	73	72	71	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy								Pt. Cloudy											
Sunrise: Time, 4:31; Character, Cloudy																								
Moonrise: 8:31 P.m.																								
Sunset: Time, 7:03; Character, Cloudy																								
Moonset: 7:50 am																								
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0				
Wind direction	S	S	SE	SE	SE	SE	S	S	S	S	S	SW	S	S	S	SE	SE	SE	S	S	SW	SW	W	S
Wind movement	6	4	4	3	4	5	7	9	9	9	9	9	10	11	10	11	13	13	11	13	13	10	6	2
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	71	82	

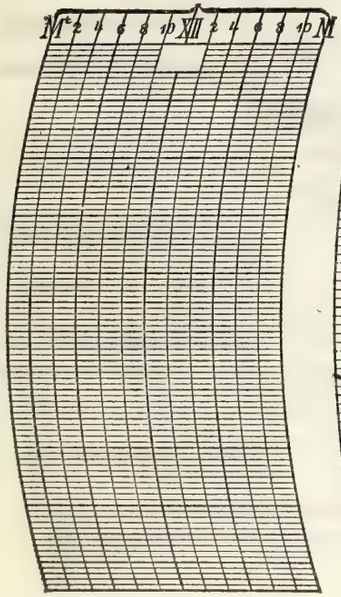
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.0 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 69
Prevailing wind direction, S Total wind 201
Average hourly velocity, 8.4 Extreme velocity, 24
Maximum velocity, 20 Direction, SW.
Time began, 8:08 pm
Reduced barometer, 30.03 7 a. m. 29.97 7 p. m.
River gage, 2.08
Relative humidity, 82 7 a. m. 72 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

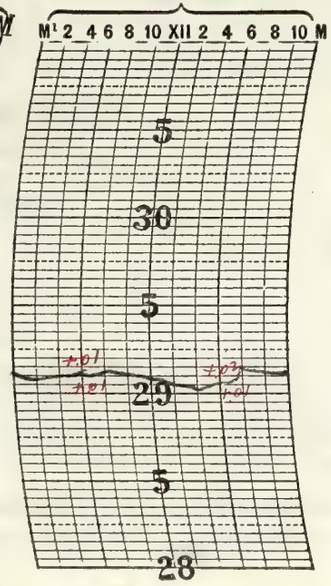
OBSERVATIONS AT ~~12 NOON.~~ 7:38 pm
(Local Mean Time.)

Dry temperature, 92.0 Wet temperature, 71.5
Dew-point, 62 R. humidity, 36 V. pressure, .555
Clouds: Amount, 4; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

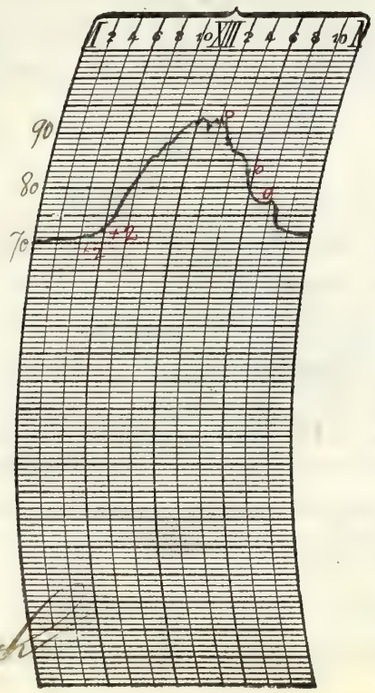
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was intensely warm and muggy.

Prepared by N. S. [illegible]
Verified by N. W. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 27 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	70	70	70	71	73	76	79	81	84	86	89	87	76	82	84	80	82	79	79	76	75	73
State of weather: Nature of precipitation and time of beginning and ending															RW 2:31	RE 3:40								
Amounts of precipitation															.17	.11								
Cloudiness and other conditions						Cloudy					Pt. Cloudy									Clear				
Sunshine (in tenths of hours)					0	0	0	0	0.8	0.9	1.0	1.0	0.9	0.9	0	.7	2.9	0.6	0	0				
Wind direction	W	W	W	E	E	S	S	S	W	W	N	N	N	NE	E	E	SE	SE	SE	SE	E	E	E	E
Wind movement	3	1	2	2	2	3	4	4	4	5	4	4	5	5	7	7	4	3	3	3	3	4	4	5
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 4:32 Character, Cloudy

Moonrise: 9:02 P.m.

Sunset: Time, 7:03 Character, Cloudy

Moonset: 9:03 a.m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.7 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 53

Prevailing wind direction, E Total wind 91

Average hourly velocity, 3.8 Extreme velocity, 19

Maximum velocity, 18 Direction, NE

Time began, 3:16 pm

Reduced barometer, 30.11 7 a. m. 30.06 7 p. m.

River gage, 2.1 ft

Relative humidity, 84 7 a. m. 75 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 PM
(Local Mean Time.)

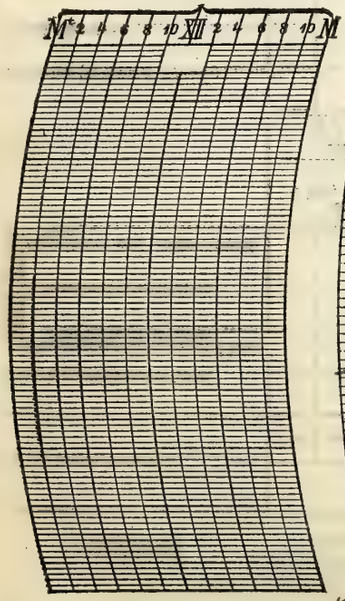
Dry temperature, 85.0 Wet temperature, 73.0

Dew-point, 68 R. humidity, 55 V. pressure, .684

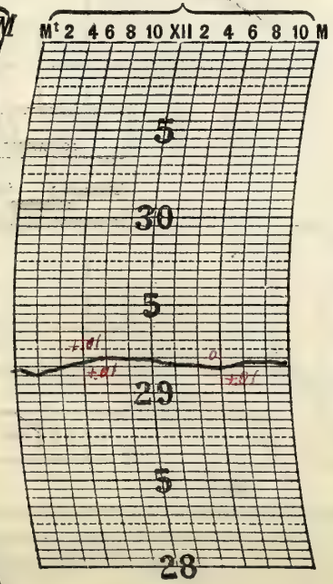
Clouds: Amount, 7; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

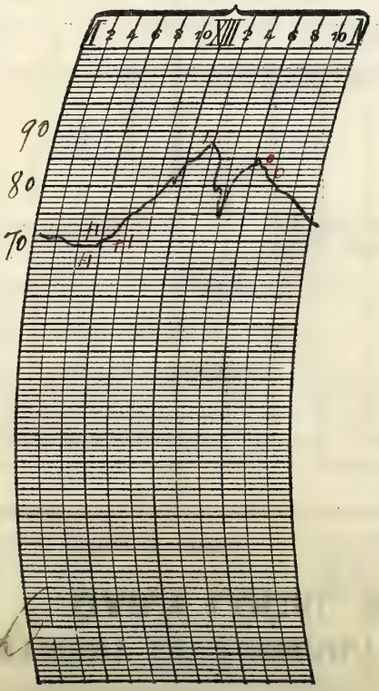
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Bates

Verified by P. McDonough

8—486

× Sunset obscured by a small band of Cu. Cl.

NOTES.

Day partly Cloudy, except Cloudy in the early morning. Showers in the afternoon with thunder from 2.35 pm to 3.40 pm. The storm moved from the northeast.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 28 1912, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	72	71	70	71	74	77	81	84	86	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)					0.45 0	1.0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	E	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE
Wind movement	6	5	5	6	5	8	6	6	7	6	6	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	91	91	69	78	82	77	75	74	72	71	71
State of weather: Nature of precipitation and time of beginning and ending				RR 3:25	RE 4:10							
Amounts of precipitation				.03	T							
Cloudiness and other conditions	Pt Cloudy			× Cloudy			× Pt. Cloudy					
Sunshine (in tenths of hours)	0.8	0.8	0.8	0	0.2	0.6	0	0				
Wind direction	NE	N	NE	S	S	S	NE	S	SE	SW	SW	SW
Wind movement	4	4	6	21	10	3	4	2	3	4	5	3
Maximum velocities (exceeding 29 miles) direction and time				36 S 3:54								

Sunrise: Time, 4:33 Character, Clear

Moonrise: 9:34 P.M.

Sunset: Time, 7:02 Character, Cloudy

Moonset: 10:16 AM

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	69	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.6 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 73

Prevailing wind direction, NE Total wind 140

Average hourly velocity, 5.8 Extreme velocity, 38

Maximum velocity, 36 Direction, S

Time began, 3:54 p.m.

Reduced barometer, 30.08 7 a. m. 29.99 7 p. m.

River gage, 2.5 ft.

Relative humidity, 79 7 a. m. 63 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:00 M.
(Local Mean Time.)

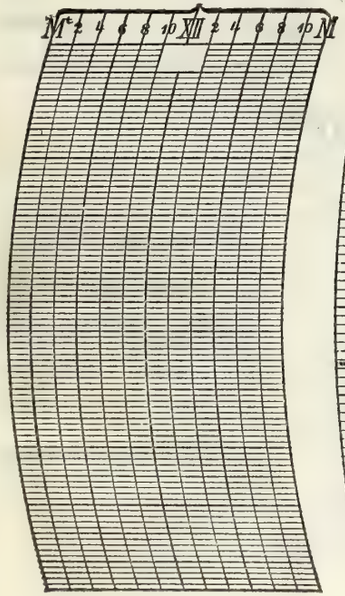
Dry temperature, 87.0 Wet temperature, 75.0

Dew-point, 70 R. humidity, 58 V. pressure, .732

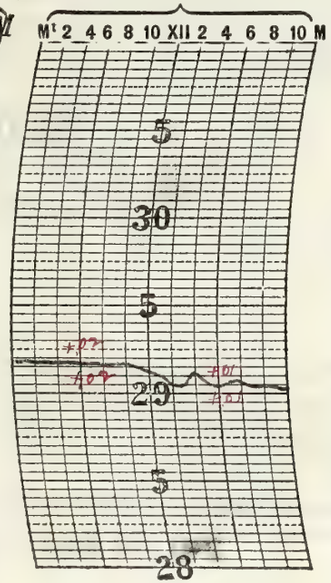
Clouds: Amount, 4; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

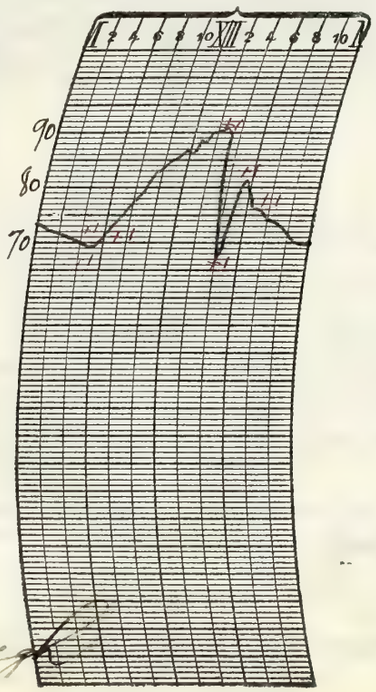
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon and night mostly Clear, but afternoon partly cloudy to Cloudy, with thunder shower. First thunder heard at 3:15 p.m., last heard at 4 p.m.; the storm came from the southwest and it was attended by moderately high wind. Before the storm the weather was intensely warm and muggy, the highest temperature being 91°, but during the occurrence of the storm the temperature fell to 69°.

Prepared by J. S. Baker

Verified by M. L. Jones

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 29 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	66	65	68	70	74	77	79	77	77
State of weather: Nature of precipitation and time of beginning and ending												RB 11:20 RE 12:00
Amounts of precipitation												T
Cloudiness and other conditions					← Pt. Cloudy							→
Sunrise: Time, 4:34 Character, Cloudy												
Moonrise: 10:08 P.M.												
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	0.2	0	0
Wind direction	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	3	2	4	6	7	7	6	7	5	9	9	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	80	82	70	78	76	73	72	70	67	64	62
State of weather: Nature of precipitation and time of beginning and ending				RB 3:35	RE 4:10							
Amounts of precipitation				.11	T							
Cloudiness and other conditions					Cloudy							→ Pt. Cloudy
Sunset: Time, 7:24 Character, Cloudy												
Moonset: — —												
Sunshine (in tenths of hours)	0.4	1.0	0.7	0.1	0.2	0.2	0	0				
Wind direction	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	13	12	10	13	16	13	10	12	11	7	9
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

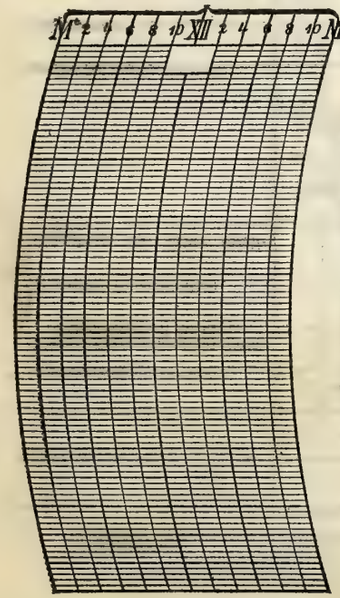
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.3 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 37
Prevailing wind direction, NW Total wind 207
Average hourly velocity, 8.6 Extreme velocity, 30
Maximum velocity, 19 Direction, NW
Time began, 5:06 pm
Reduced barometer, 29.93 7 a. m. 29.94 7 p. m.
River gage, 4.9 ft
Relative humidity, 88 7 a. m. 62 7 p. m.

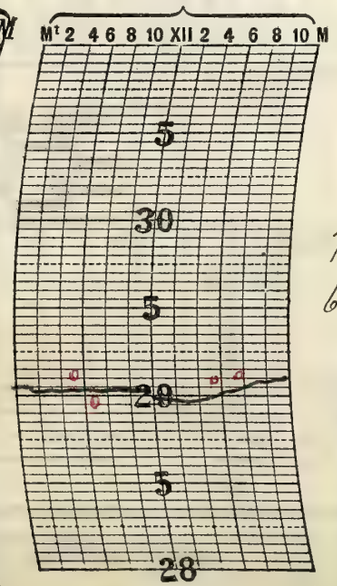
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 72.5
Dew-point, 71 R. humidity, 81 V. pressure, .757
Clouds: Amount, 9; Kind, Scu; Direction, SW
Velocity of clouds (miles per hour)

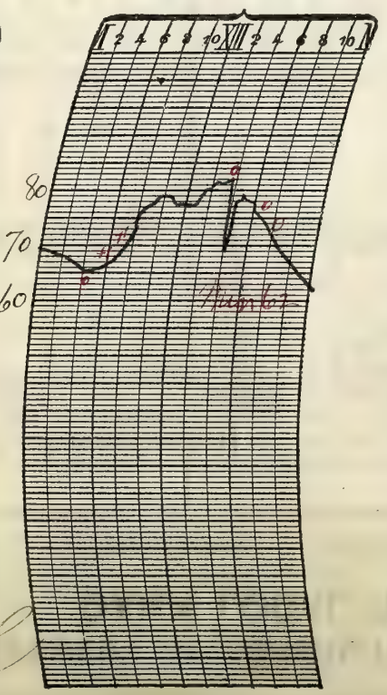
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was a heavy deposit of dew in the am
The day was mostly partly cloudy with a few light showers. Moderate temperatures prevailed.
A moderate thunderstorm occurred in the afternoon. The first thunder was heard at 3:35 pm, and the last at 4:10 PM.; the storm came from the Northwest.

Prepared by F. S. Baker
Verified by F. M. Monroe

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 30 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	56	55	53	53	53	55	54	55	58	61	65	66	67	68	68	66	65	64	62	60	58	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear			Cloudy					P.Cloudy				Clear							
Sunshine (in tenths of hours)					0.42	1.0	0.2	0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0					
Wind direction	NW	N	N	N	N	N	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	10	8	6	5	6	12	14	14	14	12	10	12	11	12	10	11	10	8	5	2	1	4	3	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:35 Character, Clear
Moonrise: 10:47 P.m.
Sunset: Time, 7:00 Character, Clear
Moonset: 12:41 P.m.

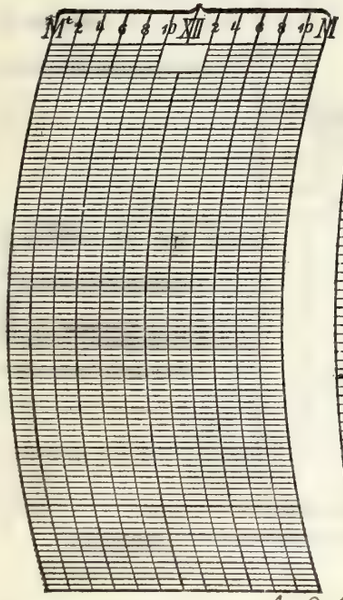
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	53	60	

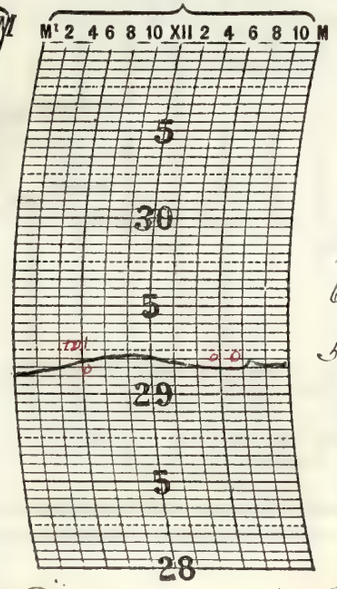
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, P.Cloudy Moon phase, Last Quarter 7:14 a.m.
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.8 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 68
Prevailing wind direction, NE Total wind 202
Average hourly velocity, 8.4 Extreme velocity, 20
Maximum velocity, 19 Direction, N
Time began, 6:47 a.m.
Reduced barometer, 30.16 7 a. m. 30.07 7 p. m.
River gage, 3.4 ft.
Relative humidity, 82 7 a. m. 60 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.m.
(Local Mean Time.)
Dry temperature, 60.1 Wet temperature, 53.2
Dew-point, 47 R. humidity, 64 V. pressure, .322
Clouds: Amount, 8; Kind, St.Cu.; Direction, NW.
Velocity of clouds (miles per hour)

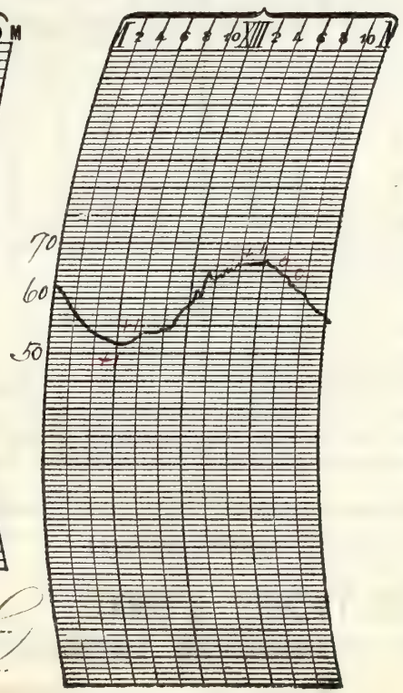
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Barr
Verified by P. McDonough

8—486

NOTES.

× From eye observations
+ Sun shining through detached clouds

The early morning was clear, but the sky became overcast by 6:10 a.m., forenoon mostly cloudy, with decreasing cloudiness from noon, the late afternoon and night being clear. Unseasonably cool, with a minimum temperature of 53° in the early morning.

Form No. 1014—Mot'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 31 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	53	53	51	50	51	53	59	65	67	69	71	73	75	76	77	77	76	75	67	68	66	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←									Clear														→
Sunshine (in tenths of hours)					0.40 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.98 0					
Wind direction	E	E	N	N	N	NE	NE	N	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	N	E	E	E
Wind movement	2	4	5	5	5	6	6	4	5	5	6	6	7	7	6	7	6	5	3	1	6	6	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:36 Character, Clear
Moonrise: 11:32 P.M.
Sunset: Time, 6:59 Character, Clear
Moonset: 1:50 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

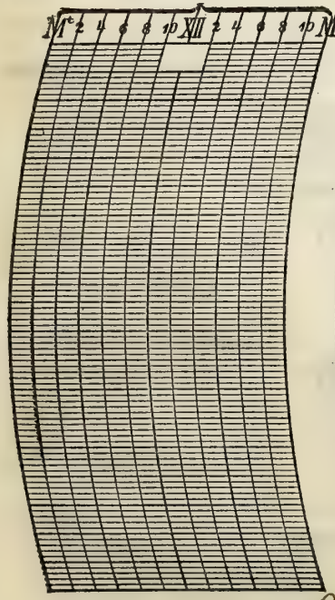
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	50	64	

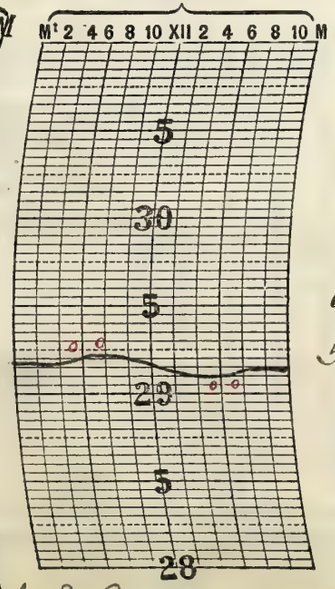
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 121
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 1:46 pm
Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.
River gage, 2.5 ft
Relative humidity, 75 7 a. m. 28 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 70.5 Wet temperature, 56.0
Dew-point, 44 R. humidity, 39 V. pressure, 287
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

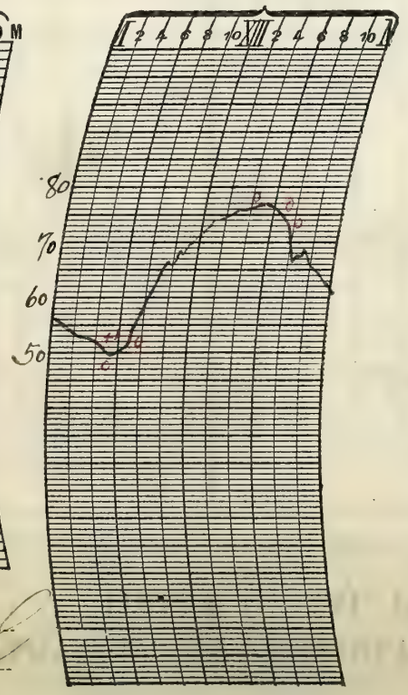
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was a heavy deposit of dew in the early morning. Clear weather, cool in morning but rising temperature and moderately warm during the day.

Prepared by F. S. Baker
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) August 1, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	53	53	52	56	60	70	74	76	78	79	81	79	78	77	76	76	75	73	72	69	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear			→	←	Pt.	Cloudy						Cloudy	Clear	→			
Sunrise: Time, 4:37; Character, Clear																								
Moonrise: - - -																								
Sunset: Time, 6:57; Character, Cloudy																								
Moonset: 2:54 pm																								
Sunshine (in tenths of hours)					0.3 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0	0	0					
Wind direction	E	E	E	NE	E	E	NE	NE	S	SE	S	S	SW	SW	SW	SW	SW	SW	W	W	SW	S	S	S
Wind movement	1	1	1	3	2	1	1	2	5	7	8	7	8	8	8	9	8	7	4	4	2	1	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	52	66	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 9.5 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 66

Prevailing wind direction, SW Total wind 109

Average hourly velocity, 4.5 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 12:11 pm

Reduced barometer, 30.07 7 a. m. 30.00 7 p. m.

River gage, 2.1 ft.

Relative humidity, 65 7 a. m. 51 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm (Local Mean Time.)

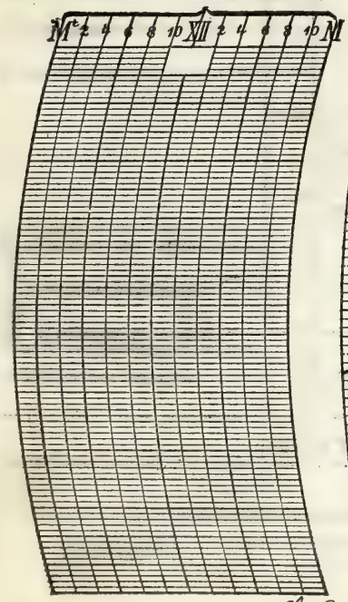
Dry temperature, 77.7 Wet temperature, 58.2

Dew-point, 43 R. humidity, 29 V. pressure, .277

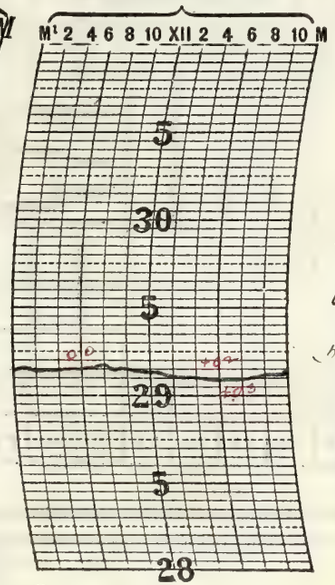
Clouds: Amount, 7; Kind, Cst; Direction, NW

Velocity of clouds (miles per hour)

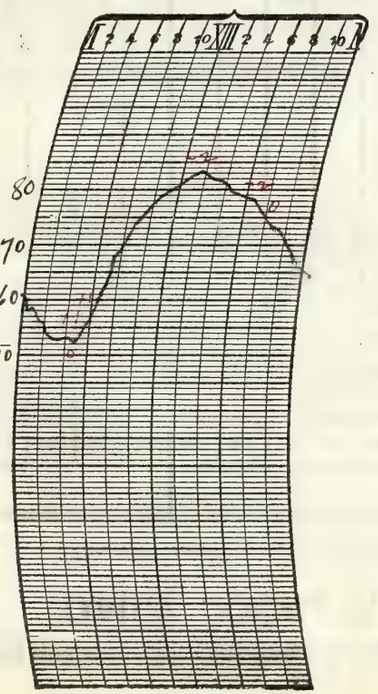
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was clear in the early part of the day with increasing cloudiness after 10 am, but clear again after 6:30 pm. Cool in the early morning but pleasant day temperatures.

Prepared by R. S. Baker

Verified by F. M. Hanaugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 2 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	60	61	65	71	78	80	82	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				→
Sunshine (in tenths of hours)					0.37 0	1.0 0	0.8 0.1	0.7	1.0	0.9	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	5	6	7	5	6	5	7	6	9	10	8	8

Sunrise: Time, 4:38; Character, Clear. Moonrise: 12:24 am

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	85	85	82	77	77	74	74	72	69	67	65
State of weather: Nature of precipitation and time of beginning and ending					KB 4:45	KE 5:05						
Amounts of precipitation					T	T						
Cloudiness and other conditions					(Pt Cloudy)			(Cloudy)				
Sunshine (in tenths of hours)	1.0	1.0	0.2	0.6	0	0	0					
Wind direction	SW	SW	SW	SW	W	W	W	W	NE	E	NE	NE
Wind movement	9	7	10	13	13	10	5	2	7	11	11	11

Sunset: Time, 6:56; Character, Cloudy. Moonset: 3:49 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

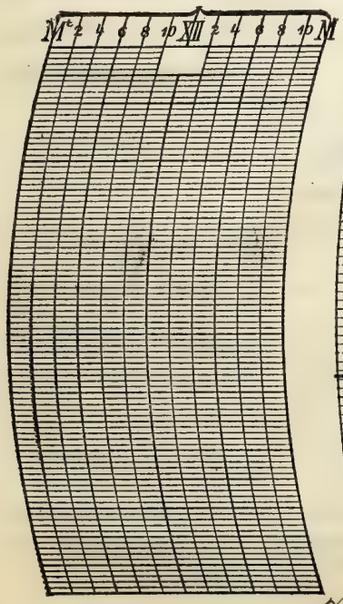
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	60	74	

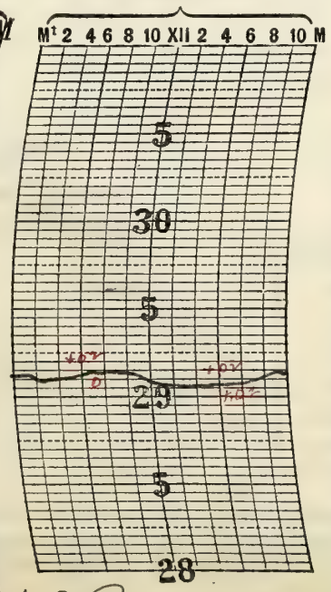
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 68
Prevailing wind direction, SW Total wind 191
Average hourly velocity, 8 Extreme velocity, 19
Maximum velocity, 16 Direction, SW
Time began, 4:03 pm.
Reduced barometer, 30.04 7 a. m. 29.99 7 p. m.
River gage, 2.1 fe
Relative humidity, 72 7 a. m. 47 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 84.0 Wet temperature, 64.0
Dew-point, 51 R. humidity, 32 V. pressure, .373
Clouds: Amount, 1; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

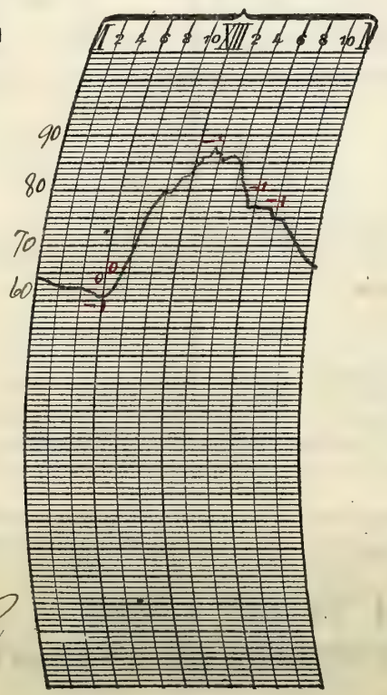
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the forenoon, with increasing cloudiness and threatening in the afternoon, a light shower occurring between 4:45 pm and 5:05 pm. Moderate temperature prevailed but the weather was quite warm in the early afternoon.

Prepared by H. S. Baker

Verified by M. E. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	60	59	58	59	63	68	72	77	80	81	83	85	85	84	83	76	72	70	68	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt. Cloudy			Clear				Cloudy			Pt. Cloudy			Clear					
Sunshine (in tenths of hours)					0	0	0	0.1	0.5	1.0	1.0	0.9	* 0.4	* 0.6	1.0	1.0	0.4 0.6	1.0 0	0.92 0					
Wind direction	NE	NE	NE	NE	E	NE	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	NE	E	E
Wind movement	11	11	9	9	12	10	10	10	12	11	12	12	11	9	11	13	11	11	12	11	9	9	7	5

Sunrise: Time, 4:39; Character, Cloudy. Moonrise: 1:21 AM

Sunset: Time, 6:55; Character, Clear. Moonset: 4:42 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 9.4 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 66

Prevailing wind direction, E Total wind 248

Average hourly velocity, 10.3 Extreme velocity, 22

Maximum velocity, 20 Direction, NE

Time began, 6:57 p.m.

Reduced barometer, 30.08 7 a. m. 29.94 7 p. m.

River gage, 2.0 ft.

Relative humidity, 72 7 a. m. 57 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

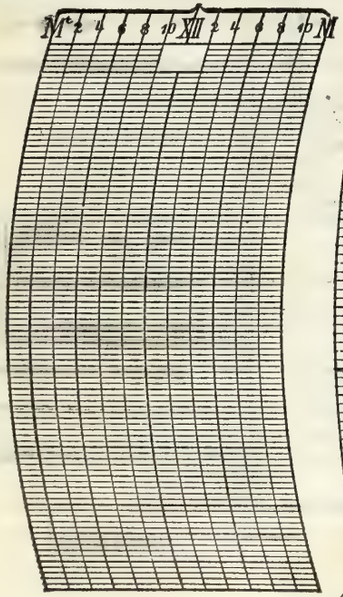
Dry temperature, 79.5 Wet temperature, 66.0

Dew-point, 58 R. humidity, 49 V. pressure, .482

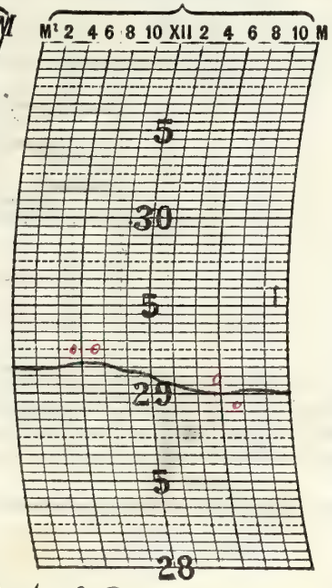
Clouds: Amount, 8; Kind, Strat; Direction, W

Velocity of clouds (miles per hour)

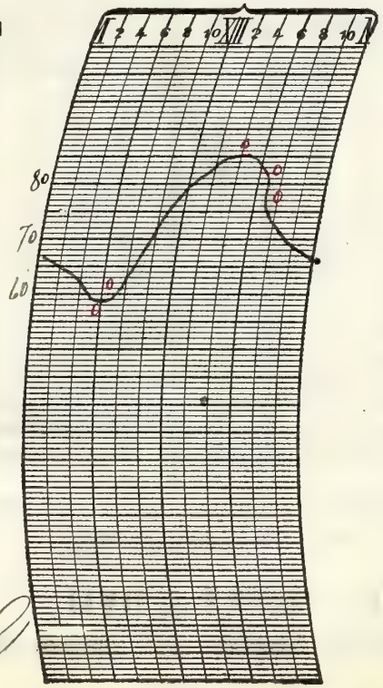
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sunshining through detached clouds.

NOTES.

Prepared by H. S. Baker.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 4 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	64	63	63	67	72	80	88	91	93	95
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, Character,	4:40 Clear											
Moonrise:	2:23 am											
Sunshine (in tenths of hours)					0.3 / 0	1.0 / 0	0.6 / 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	NE	E	E	E	SE	S	SW	S	S	SW
Wind movement	5	4	4	2	4	2	3	6	6	6	8	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	92	91	93	87	86	86	86	83	83	82	80	79
State of weather: Nature of precipitation and time of beginning and ending					RB 4:40	RE 5:10						
Amounts of precipitation					T	T						
Cloudiness and other conditions					(Pt Cloudy)	(Cloudy)	(Pt Cloudy)	(Pt Cloudy)	(Cloudy)			
Sunset: Time, Character,									6:54 Cloudy			
Moonset:									5:25 p.m.			
Sunshine (in tenths of hours)	0.8	0.1	0	0.1	0	0	0					
Wind direction	SW	SW	W	W	S	S	S	S	SE	S	S	S
Wind movement	11	10	8	5	10	5	3	2	4	5	7	9

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	63	79	

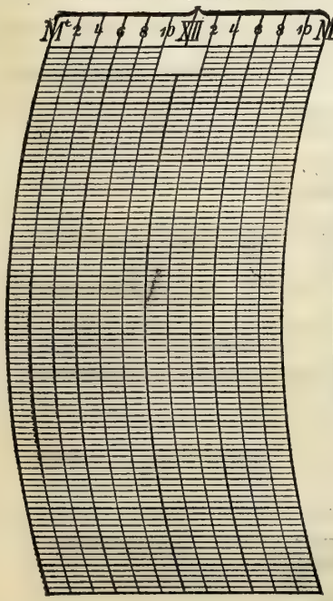
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.3 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 58
Prevailing wind direction, S Total wind 139
Average hourly velocity, 5.8 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 4:38 pm
Reduced barometer, 29.86 7 a. m. 29.767 p. m.
River gage, 2.0 ft
Relative humidity, 73 7 a. m. 53 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 1238 pm
(Local Mean Time.)
Dry temperature, 93.0 Wet temperature, 73.0
Dew-point, 64 R. humidity, 38 V. pressure, .595
Clouds: Amount, 3/2 ; Kind, Cu & St ; Direction, W SW
Velocity of clouds (miles per hour)

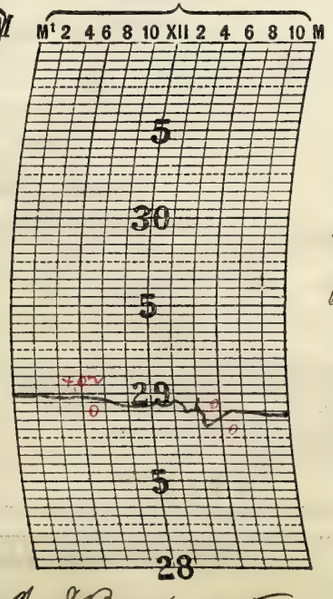
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

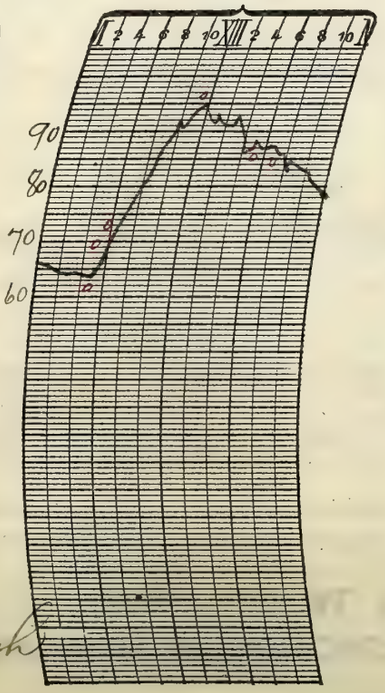
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. S. Boxer
Verified by P. M. Donough

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NOTES.

* Sun shining through detached clouds.

The early part of the day was clear, but clouds began to form in the early forenoon, the afternoon being mostly cloudy with a thunder shower between 4:40 pm and 5:10 pm. The day was extremely warm, with a maximum temperature of 95°.
The first thunder was heard at 4:10 pm and the last was heard at 5:10 pm; the storm came from the South.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 5 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	77	76	74	75	77	82	86	89	92	95
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunshine (in tenths of hours)					0.32 0	1.0 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	11	8	10	8	7	8	8	8	9	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	96	99	102	102	100	96	93	90	87	86	85	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0 0	0.58 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	14	16	16	15	12	10	9	7	8	9	11

Sunrise: Time, 4:41 Character, Clear
Moonrise: 9:27 a.m.

Sunset: Time, 6:53 Character, Clear
Moonset: 6:02 P.M.

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

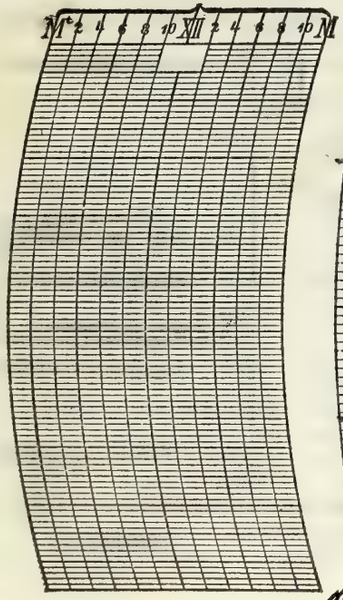
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
102	74	88	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 245
Average hourly velocity, 10.2 Extreme velocity, 22
Maximum velocity, 18 Direction, SW
Time began, 3:13 p.m.
Reduced barometer, 29.83 7 a. m. 29.87 7 p. m.
River gage, 2.0 ft.
Relative humidity, 63 7 a. m. 43 7 p. m.

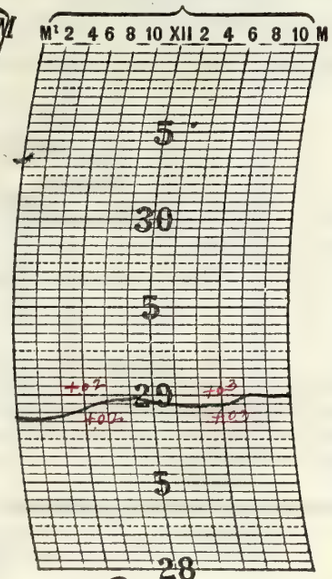
OBSERVATIONS AT ~~12 NOON~~ 2:38 P.M.
(Local Mean Time.)

Dry temperature, 94.0 Wet temperature, 76.0
Dew-point, 69 R. humidity, 44 V. pressure, .707
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

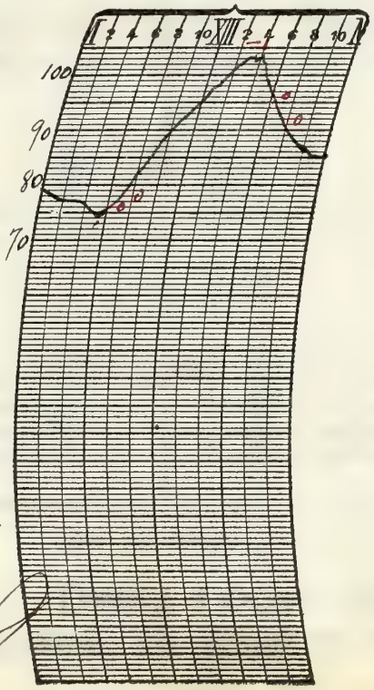
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Although there were some cirrus clouds in the early evening, the day was practically cloudless and it was the warmest in the history of the station, the maximum reaching 102°. A fair southwest breeze prevailed during the day, but the air felt as if it emanated from a hot furnace.

Prepared by A. S. Boyer.
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 6 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	84	83	80	79	79	80	87	91	92	96	98
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy			Pt Cloudy				
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	14	12	11	8	10	9	11	11	12	12	11	11

Sunrise: Time, 4:42; Character, Cloudy. Moonrise: 4:32 due

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	100	101	101	101	99	96	93	89	87	86	85	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.87 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	S
Wind movement	13	15	17	17	14	8	7	8	8	11	8	7

Sunset: Time, 6:52; Character, Clear. Moonset: 6:32 P.M.

Maximum velocities (exceeding 29 miles) direction and time

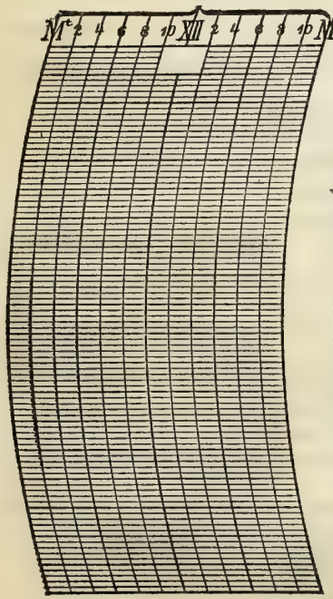
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
101	79	90	

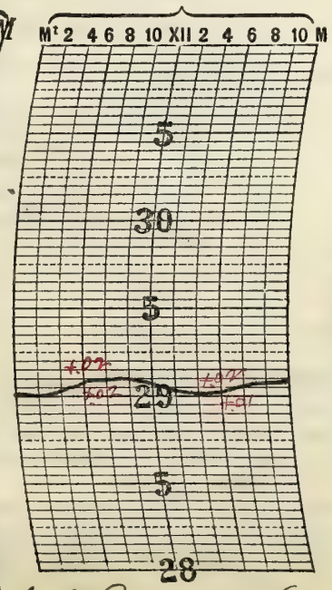
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon 2:30 p
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.8 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind 265
Average hourly velocity, 11.0 Extreme velocity, 22
Maximum velocity, 20 Direction, S
Time began, 2:48 p.m.
Reduced barometer, 29.98 7 a. m. 29.93 7 p. m.
River gage, 2.0 ft.
Relative humidity, 67 7 a. m. 40 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:35 P.M.
(Local Mean Time.)
Dry temperature, 98.0 Wet temperature, 74.8
Dew-point, 65 R. humidity, 34 V. pressure, .616
Clouds: Amount, Few; Kind, Ci. St; Direction, N.W.
Velocity of clouds (miles per hour)

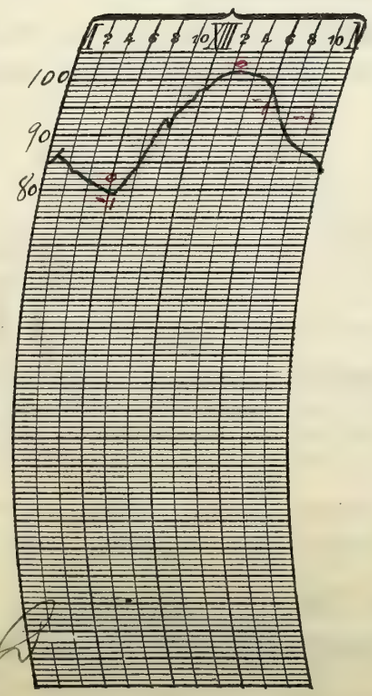
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The first half of day was Cloudy & partly Cloudy, and the afternoon was generally clear. High temperatures continued, the maximum reaching 101°. A fine southwest breeze continued throughout the day.

Prepared by F. S. Baker
Verified by F. McAdoo

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 7 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	81	80	80	78	78	78	81	83	87	91	94
State of weather: Nature of precipitation and time of beginning and ending					RB 1:N.	RE 1:N						
Amounts of precipitation					T	T						
Cloudiness and other conditions					Cloudy-><Pt Cloudy><							
Sunrise: Time, Character	4:43 Cloudy											
Moonrise	5:34 a.m.											
Sunshine (in tenths of hours)					0	0	0	0.3	0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	10	9	8	9	8	9	10	13	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	96	97	97	94	92	92	90	87	87	84	82	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear-------><Pt Cloudy											
Sunset: Time, Character									6:51 Clear			
Moonset									6:59 p.m.			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	0.85 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	16	15	14	9	7	5	6	6	6	7

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

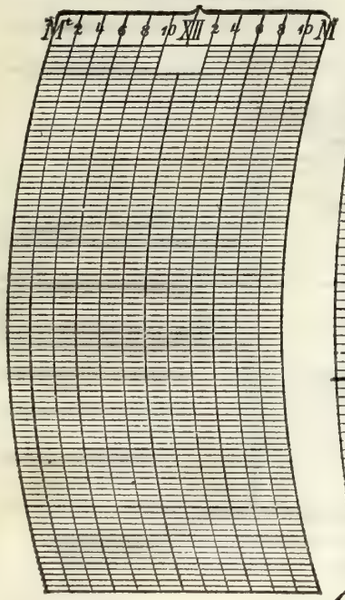
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
97	78	88	

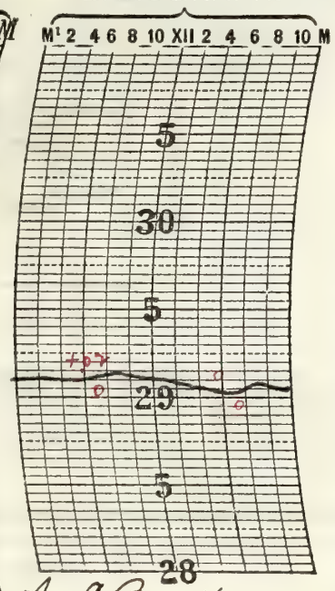
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 77
Prevailing wind direction, SW Total wind 239
Average hourly velocity, 10.0 Extreme velocity, 22
Maximum velocity, 20 Direction, SW
Time began, 2:55 p.m.
Reduced barometer, 29.99 7 a. m. 29.93 7 p. m.
River gage, 2.0 ft.
Relative humidity, 69 7 a. m. 45 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 93.8 Wet temperature, 70.2
Dew-point, 58 R. humidity, 30 V. pressure, 482
Clouds: Amount, 1; Kind, Ci. St; Direction, W
Velocity of clouds (miles per hour)

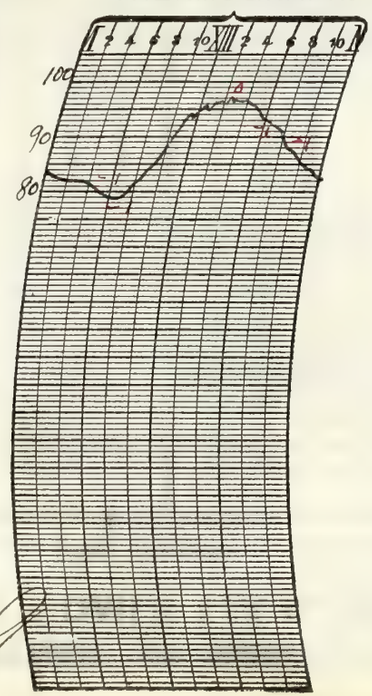
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some cloudiness in the morning and evening, but midday hours mostly clear. Continued high temperature.

Prepared by H. S. Baker.
Verified by F. M. Kornegay

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 8 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	80	78	76	75	76	79	83	85	88	90	90
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, Character, Moonrise	Time 4:44, Character Clear; Moonrise 6:25 am											
Sunshine (in tenths of hours)					0.27 / 0	1.0 / 0	0.9 / 0.1	1.0	1.0	1.0	1.0	0.4
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	7	8	8	9	12	12	15	19	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	89	80	82	82	82	80	79	78	78	76	76
State of weather: Nature of precipitation and time of beginning and ending	RB 12:40, RE 12:45	RB 1:57	RE 2:15									
Amounts of precipitation	T	T	.02									
Cloudiness and other conditions			Cloudy		Pt Cloudy							
Sunset: Time, Character, Moonset	Time 6:49, Character Cloudy; Moonset 7:25 PM											
Sunshine (in tenths of hours)	0.4	0.3	0.2	0.4	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	18	16	16	16	12	9	8	10	10	9	11
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	75	83	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.2 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind 277
Average hourly velocity, 11.5 Extreme velocity, 28
Maximum velocity, 25 Direction, SW
Time began, 1:16 pm
Reduced barometer, 29.94 7 a. m. 29.83 7 p. m.
River gage, 1.8 ft
Relative humidity, 73 7 a. m. 72 7 p. m.

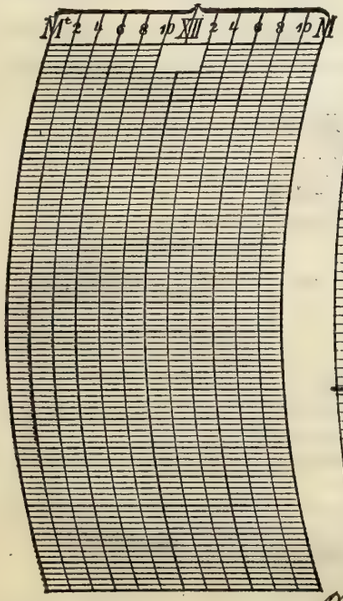
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

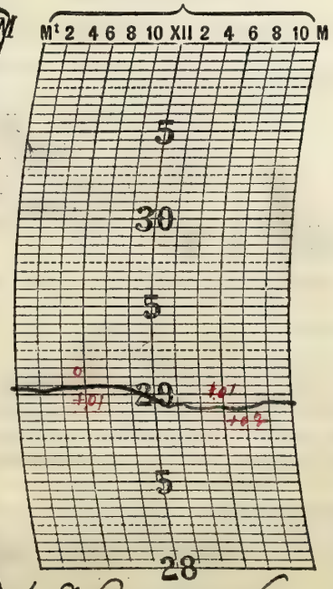
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm.
(Local Mean Time.)

Dry temperature, 90.2 Wet temperature, 71.2
Dew-point, 62 R. humidity, 39 V. pressure, 55.5
Clouds: Amount, 3.5; Kind, Sc cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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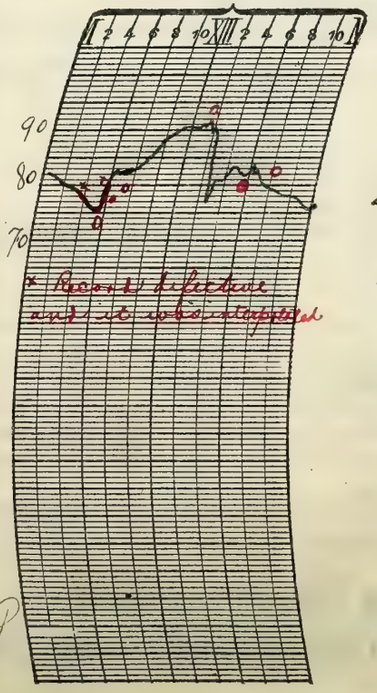


Prepared by J. S. Bozer.
Verified by P. McDonough

8—486

ø Sunset obscured by small bank of St clouds

NOTES.

The day was mostly partly cloudy with a light shower in the afternoon. Vivid flashes of lightning were observed in the west after 8:45 pm. The day was warm but the temperature was considerably lower than had obtained for several days preceding.

* Record defective and no observation

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	74	72	70	66	65	67	70	73	77	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear			Pt. Cloudy				
Sunshine (in tenths of hours)					0.27 / 0	1.0 / 0	1.0 / 0	0.5 / 0.5	1.0	1.0	1.0	1.0
Wind direction	SW	SW	W	NW	W	W	W	NW	NW	W	NW	SW
Wind movement	9	10	8	7	8	9	7	7	9	7	9	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	83	84	83	82	80	77	75	73	72	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy			Clear				
Sunshine (in tenths of hours)	1.0	0.9	0.5	1.0	1.0	0	0					
Wind direction	W	SW	W	W	W	NW	NW	NW	NE	E	E	E
Wind movement	7	11	10	12	10	8	4	5	6	5	3	4

Sunrise: Time, 4:44 Character, Clear
Moonrise: 7:35 AM
Sunset: Time, 6:48 Character, Cloudy
Moonset: 7:50 PM

Maximum velocities (exceeding 22 miles) direction and time

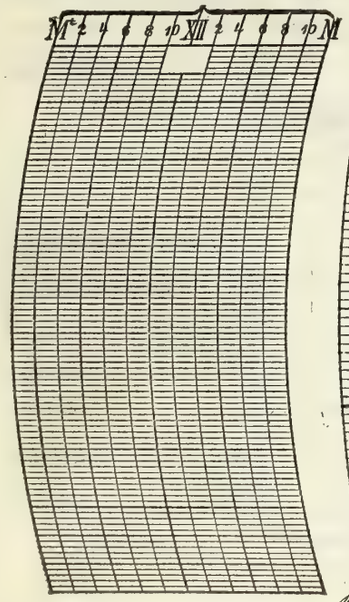
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	65	74	

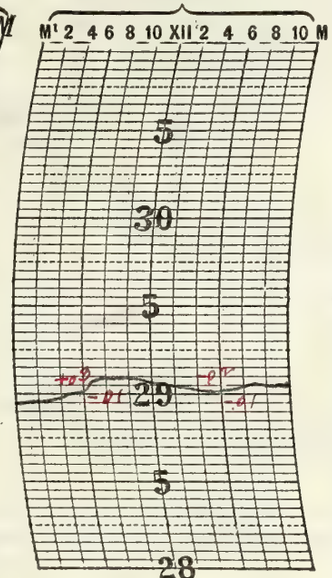
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.7 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 83
Prevailing wind direction, W Total wind 182
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 1:28 p.m.
Reduced barometer, 29.96 7 a. m. 29.96 7 p. m.
River gage, 1.8 ft
Relative humidity, 90 7 a. m. 54 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:28 pm
(Local Mean Time.)
Dry temperature, 78.5 Wet temperature, 68.2
Dew-point, 63 R. humidity, 59 V. pressure, .575
Clouds: Amount, 4; Kind, Cu & St Cu; Direction, NW & NW
Velocity of clouds (miles per hour)

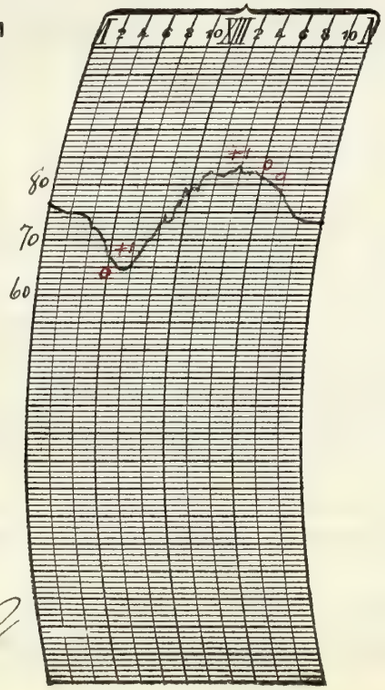
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by R. S. Baker
Verified by P. M. Fornaghi

8—486

NOTES.

Sunset obscured by bank of St clouds.

Partly Cloudy weather with moderate temperature.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 10 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	69	69	69	70	72	74	79	73	74	77	81
State of weather: Nature of precipitation and time of beginning and ending									RB 8:10	RE 9:40		
Amounts of precipitation									.07	T		
Cloudiness and other conditions	Clear						Pt. Cloudy					
Sunrise: Time, Character	4:45 Clear											
Moonrise	8:33 A.M.											
Sunshine (in tenths of hours)					0.25 0	1.0 0	0.8 0.2	0.5	0	0	0	0.8
Wind direction	NE	NE	E	E	E	SE	SE	S	SW	SW	SW	SW
Wind movement	5	5	4	3	3	3	4	6	13	9	11	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	86	87	86	88	85	77	78	77	77	77	75
State of weather: Nature of precipitation and time of beginning and ending							RB 6:03	RE 7:00				
Amounts of precipitation							.09	0				
Cloudiness and other conditions	Pt. Cloudy					Cldy	Pt. Cloudy					
Sunset: Time, Character									6:47 Cloudy			
Moonset									8:14 P.M.			
Sunshine (in tenths of hours)	1.0	0.9	0.9	0.1	0.5	0.1	0					
Wind direction	W	SW	SW	SW	SW	SW	W	O	SE	S	S	S
Wind movement	7	10	13	11	10	7	8	0	2	6	6	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

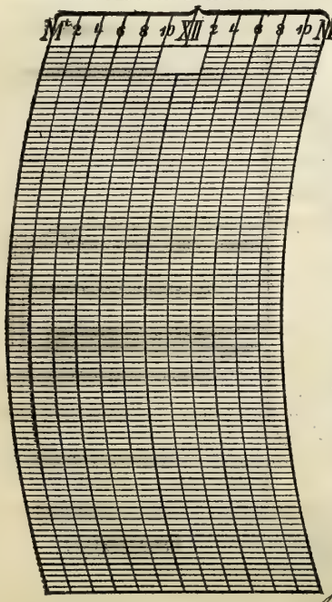
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	69	78	

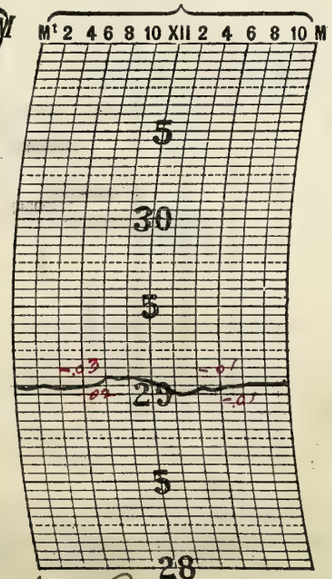
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 10 ins.
Total precipitation, midnight to midnight, 10 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.0 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 50
Prevailing wind direction, SW Total wind 159
Average hourly velocity, 6.6 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 8:17 am
Reduced barometer, 29.93 7 a. m. 29.93 7 p. m.
River gage, 1.7 ft.
Relative humidity, 78 7 a. m. 89 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm.
(Local Mean Time.)
Dry temperature, 82.0 Wet temperature, 74.0
Dew-point, 71 R. humidity, 69 V. pressure, 757
Clouds: Amount, 6; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

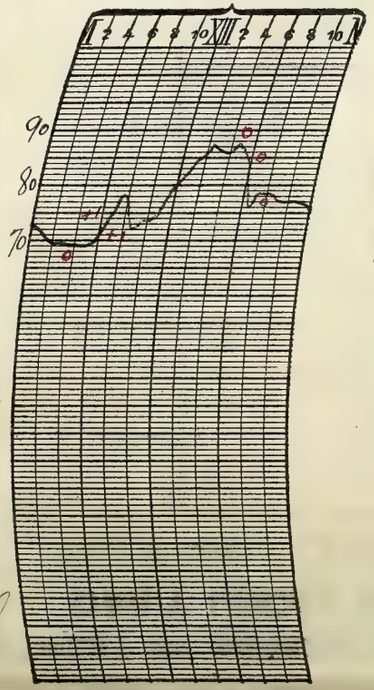
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy with showers
Quite muggy.

Prepared by A. S. Baker
Verified by F. M. Clemmer

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 11 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	72	72	74	75	78	81	85	86	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy						Cloudy			Pt Cldy		Cloudy
Sunshine (in tenths of hours)					0	0	0	0	0	0.7	0.9	0.1
Wind direction	S	SE	S	S	S	S	SW	W	NW	W	W	SW
Wind movement	6	4	5	6	5	6	7	7	8	9	9	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	88	90	91	88	84	81	80	78	77	76	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy			Pt. Cloudy								
Sunshine (in tenths of hours)	* 0.2	0.8	1.0	1.0	0.8	0	0					
Wind direction	SW	SW	W	W	SW	SW	E	E	E	E	E	E
Wind movement	10	11	9	6	4	4	5	4	3	3	2	2

Maximum velocities (exceeding 29 miles) direction and time

Sunrise: Time, 4:47 Character, Cloudy

Moonrise: 9:32 a.m.

Sunset: Time, 6:45 Character, Cloudy

Moonset: 8:39 p.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	72	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.5 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 39

Prevailing wind direction, E-SW Total wind 142

Average hourly velocity, 5.9 Extreme velocity, 14

Maximum velocity, 13 Direction, W

Time began, 12:36 p.m.

Reduced barometer, 30.00 7 a. m. 30.03, 7 p. m.

River gage, 1.8 ft.

Relative humidity, 87 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:35 p.m.
(Local Mean Time.)

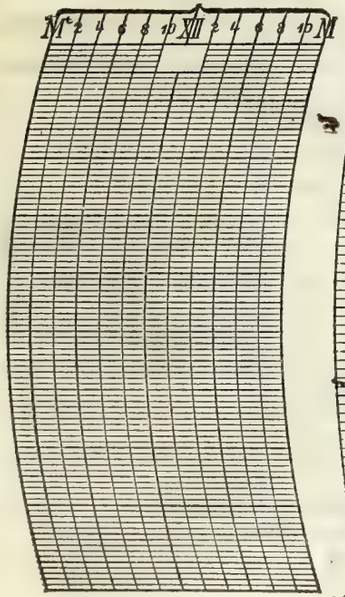
Dry temperature, 86.5 Wet temperature, 73.0

Dew-point, 67 R. humidity, 53 V. pressure, .661

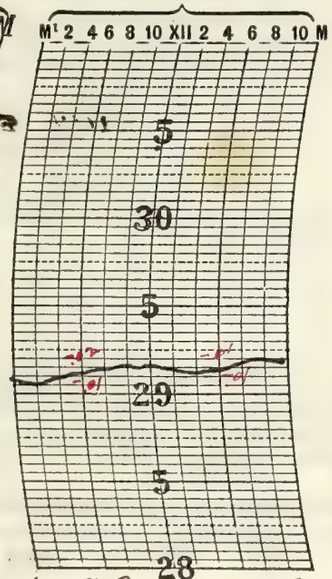
Clouds: Amount, 5 a St; Kind, St Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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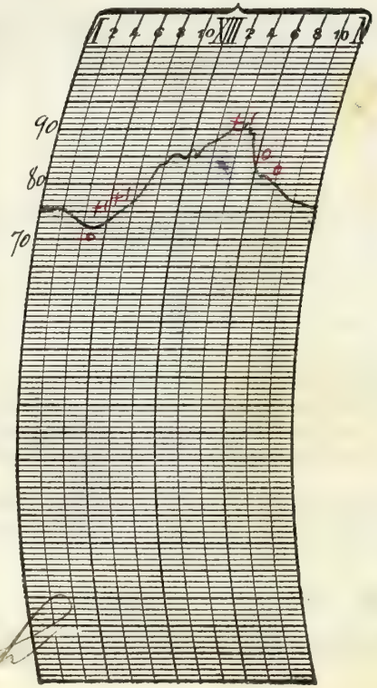


* Sun shining through detached clouds

NOTES.

Partly Cloudy and Sultry weather.

Prepared by A. S. Baker

Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 12 1916, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	74	72	72	73	74	80	85	90	93	96
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy →			(PtCloudy)			
Sunshine (in tenths of hours)					0	0	0	0	0	0.6	1.0	1.0
Wind direction	E	E	O	E	NE	E	E	E	S	NE	SW	S
Wind movement	2	2	0	2	2	1	2	1	3	3	6	7

Sunrise: Time, 4:48; Character, Cloudy. Moonrise: 10:31 am

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	98	98	99	99	97	95	91	87	85	83	82	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear →								
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.73 0					
Wind direction	S	SW	SW	SW	SW	SW	S	S	S	S	S	SW
Wind movement	7	11	12	12	13	10	7	6	9	9	8	7

Sunset: Time, 6:44; Character, Clear. Moonset: 9:07 P.M.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

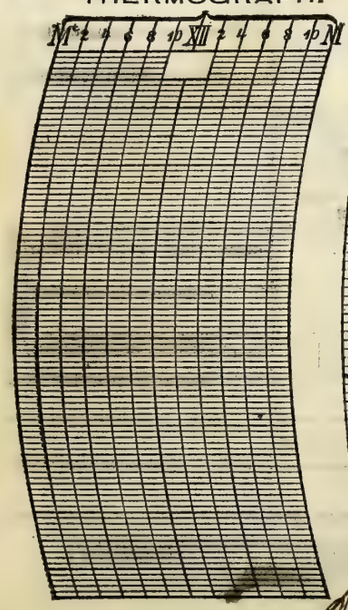
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
99	72	86	

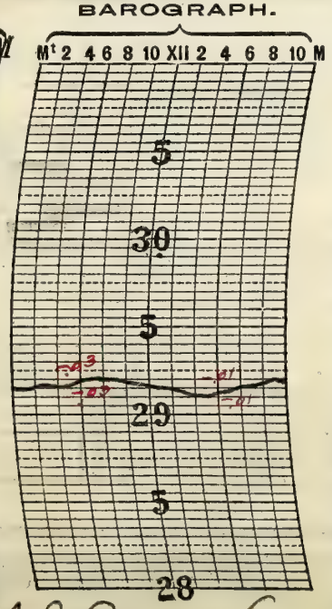
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, PtCloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.3 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 67
Prevailing wind direction, S Total wind 142
Average hourly velocity, 5.9 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 2:52 p.m.
Reduced barometer, 30.06 7 a. m. 30.017 p. m.
River gage, 1.8 ft
Relative humidity, 84 7 a. m. 48 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:35 p.m.
(Local Mean Time.)
Dry temperature, 96.0 Wet temperature, 75.0
Dew-point, 66 R. humidity, 37 V. pressure, .638
Clouds: Amount, Few; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

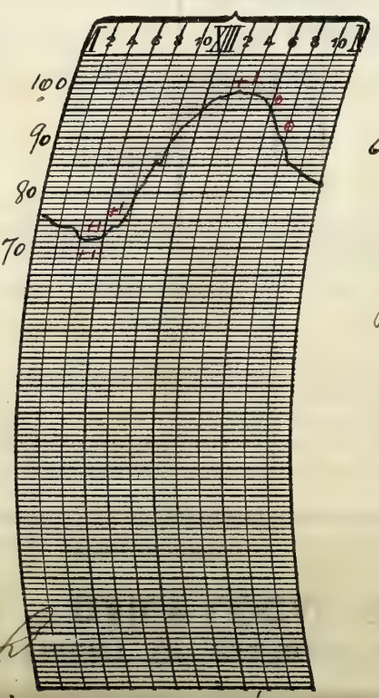
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy to partly Cloudy in the forenoon & afternoon mostly, and Clear for night. Increasing temperatures and high humidity with a maximum temperature of 99°. Light wind in the forenoon but a moderate breeze prevailed in the afternoon.

Prepared by G. S. Baxter.
Verified by J. McHonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 13 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	79	77	77	76	77	79	84	86	89	91	92	93	94	94	93	92	89	87	85	84	83	82	80
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Clear											→			
Sunshine (in tenths of hours)					0.8 / 0	1.0 / 0	0.7 / 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 / 0.3	0.72 / 0					
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	8	9	9	10	10	10	10	12	14	16	18	15	16	17	18	18	17	13	9	6	9	10	10	9

Sunrise: Time, 4:49; Character, Clear. Moonrise: — —

Sunset: Time, 6:43; Character, Clear. Moonset: 9:39 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	76	85	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.9 Possible sunshine, hours, 13.9

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 293

Average hourly velocity, 12.2 Extreme velocity, 24

Maximum velocity, 22 Direction, SW

Time began, 1:11 pm.

Reduced barometer, 30.10 7 a. m. 29.97 7 p. m.

River gage, 1.9 ft.

Relative humidity, 68 7 a. m. 50 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

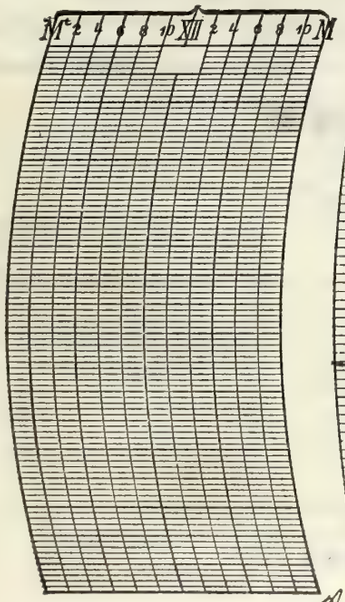
Dry temperature, 91.3 Wet temperature, 72.0

Dew-point, 63 R. humidity, 39 V. pressure, .575

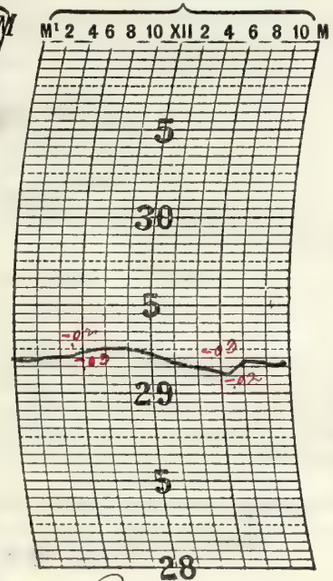
Clouds: Amount, 1; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

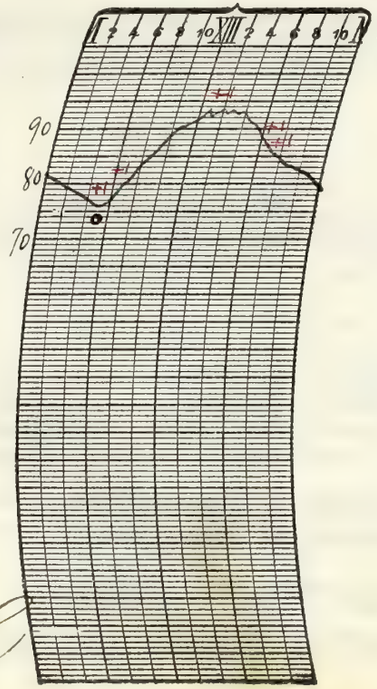
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and continued warm weather.

Prepared by W. S. Baker

Verified by J. McDonough

8—486

Form No. 1014—Mot'L.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 14 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	79	77	76	74	75	75	74	76	78	81	83	84	86	87	86	84	84	82	78	77	75	73	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy								Pt. Cloudy											
Sunrise: Time, Character,	4:50 Cloudy																				Sunset: Time, Character,	6:41 Cloudy		
Moonrise:	12:29 PM																				Moonset:	10:15 PM		
Sunshine (in tenths of hours)					0	0	0	0	0.8	1.0	1.0	1.0	0.6	0.4	0.9	0.6	0.9	0.2	0					
Wind direction	S	SW	SW	W	W	W	SW	NW	NW	NW	NW	W	NW	NW	W	NW	N	N	N	N	NE	NE	NE	N
Wind movement	9	8	6	4	7	6	5	6	10	12	11	10	10	11	11	10	10	8	6	7	7	6	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	71	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, first quarter 5:14 p
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.1 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 54
Prevailing wind direction, NW Total wind 189
Average hourly velocity, 7.9 Extreme velocity, 15
Maximum velocity, 13 Direction, NW
Time began, 10:26 am
Reduced barometer, 30.08 7 a. m. 30.09 7 p. m.
River gage, 1.8 ft.
Relative humidity, 73 7 a. m. 49 7 p. m.

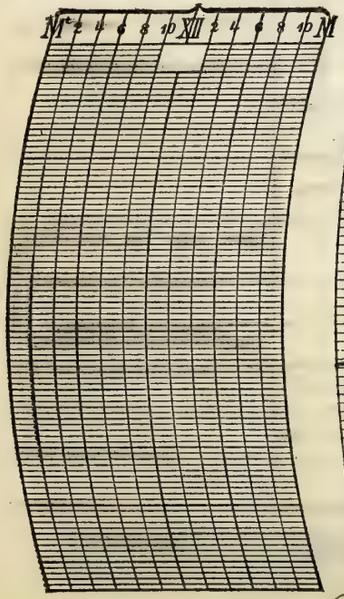
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

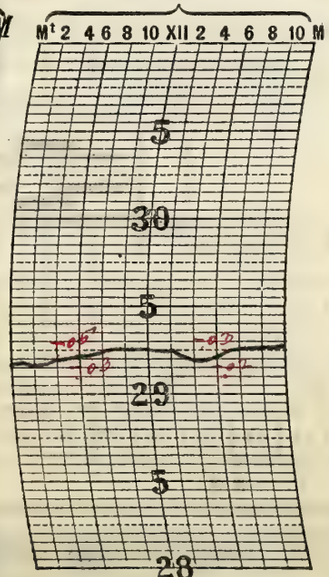
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 71.0
Dew-point, 65 R. humidity, 53 V. pressure, .616
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

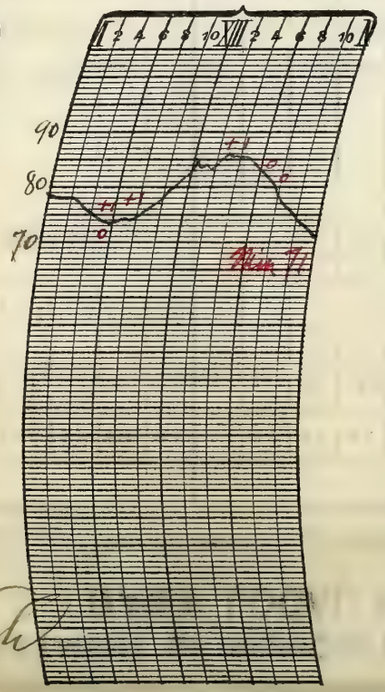
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy and pleasantly cooler weather.

Prepared by A. S. Baker
Verified by P. M. Donnegan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 15 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	65	64	64	65	67	71	74	76	79	81	82	82	83	83	83	82	80	78	75	73	72	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear			Pt Cloudy					Cloudy		Pt Cloudy				Clear					
Sunshine (in tenths of hours)					0.15 / 0	1.0 / 0	0.7 / 0.2	0	0	0.6	0.7	1.0	+0.2	+1.0	0.5	0.4	0.3	0	0					
Wind direction	N	NE	NE	NE	N	NE	E	E	E	E	E	E	SE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	6	8	8	8	7	7	7	7	8	7	7	6	4	5	5	6	4	6	4	4	5	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:51 Character, Clear
Moonrise: 1:28 P.M.
Sunset: Time, 6:40 Character, Cloudy
Moonset: 10:58 P.M.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

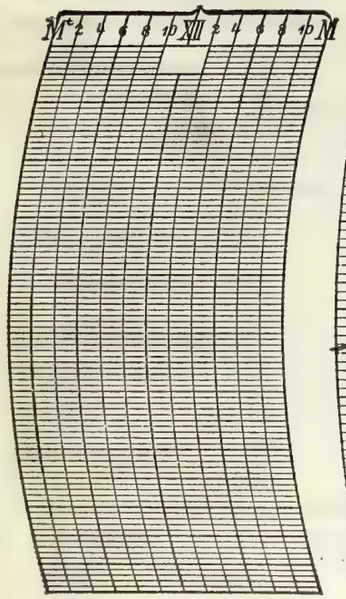
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.8 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 49
Prevailing wind direction, E Total wind 146
Average hourly velocity, 6.1 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 6:54 a.m.
Reduced barometer, 30.20 7 a. m. 30.09 7 p. m.
River gage, 1.8 ft.
Relative humidity, 78 7 a. m. 41 7 p. m.

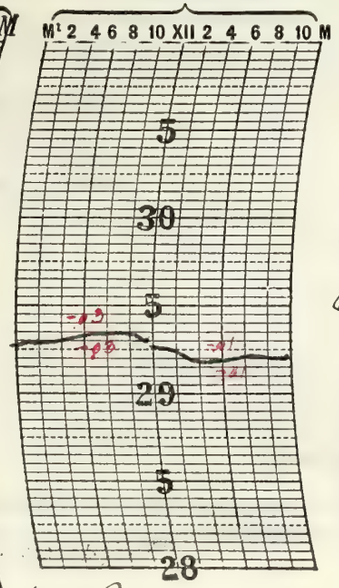
OBSERVATIONS AT ~~12 NOON.~~ 12:55 P.M.
(Local Mean Time.)

Dry temperature, 81.2 Wet temperature, 64.2
Dew-point, 54 R. humidity, 39 V. pressure, .417
Clouds: Amount, 2.6; Kind, Cirro Strat; Direction, SW
Velocity of clouds (miles per hour)

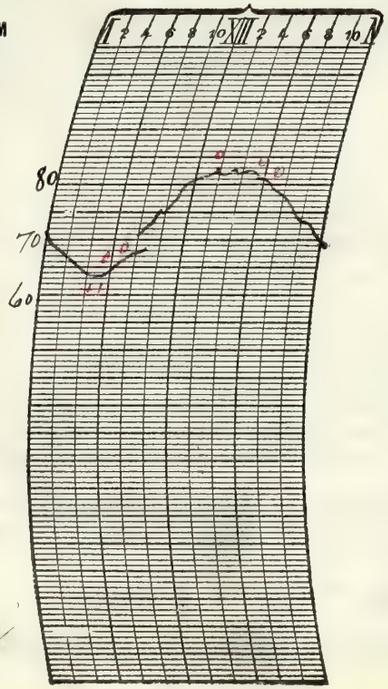
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Baker
Verified by F. M. Garrison

8—486

+ Sun shining through detached clouds.

NOTES.

Partly cloudy weather with moderate temperature.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 16 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	67	67	67	[illegible]	67	69	70	73	74	75	74	74	73	72	72	71	71	69	67	66	65
State of weather: Nature of precipitation and time of beginning and ending							6:25 6:39																	
Amounts of precipitation							T																	
Cloudiness and other conditions					←					Cloudy														→
Sunrise: Time, 4:52; Character, Cloudy																								
Moonrise: 2:24 P.m.																								
Sunset: Time, 6:39; Character, Cloudy																								
Moonset: 11:48 P.m.																								
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	*0.2	0	0	0	0	0					
Wind direction	E	SE	SE	SE	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE
Wind movement	4	4	3	4	3	4	4	3	5	7	7	9	8	12	10	10	12	11	10	8	11	9	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

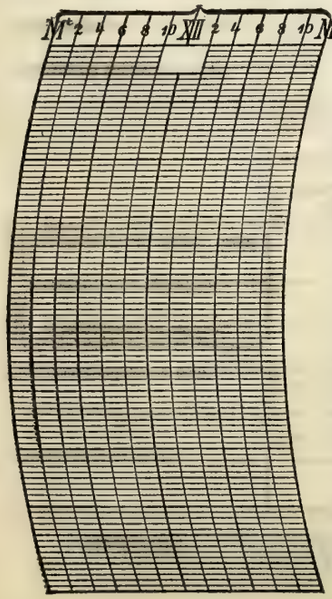
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	65	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 1
Prevailing wind direction, NE Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 17
Maximum velocity, 15 Direction, E
Time began, 4:56 p.m.
Reduced barometer, 30.11 7 a. m. 30.04 7 p. m.
River gage, 1.8 ft
Relative humidity, 59 7 a. m. 72 7 p. m.

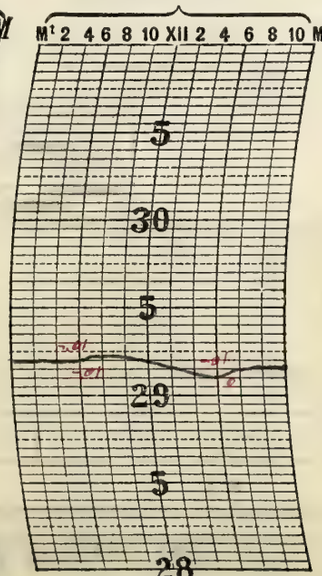
OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 73.2 Wet temperature, 60.0
Dew-point, 51 R. humidity, 46 V. pressure, .373
Clouds: Amount, 10; Kind, Stcu; Direction, E
Velocity of clouds (miles per hour)

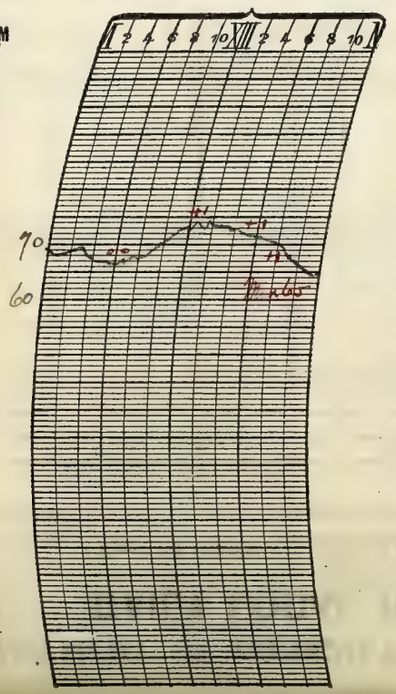
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker
Verified by D. McGrouty Jr.

8—486

* Sun shining through detached clouds.

NOTES.

Cloudy and moderately cool weather, with a light sprinkling of rain from 6:35 a.m. to 6:39 a.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 17 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	61	62	62	64	64	66	69	72	76
State of weather: Nature of precipitation and time of beginning and ending			RD I.N	RE I.N.								
Amounts of precipitation			.01	T								
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character	4:53 Cloudy											
Moonrise	9:17 P.M.											
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.1	0.3
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	7	10	12	11	10	10	9	9	9	10	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	79	78	76	75	72	71	70	69	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character									6:37 Cloudy			
Moonset									— —			
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.3	0	0	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	10	11	13	14	14	12	11	10	8	9	8

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

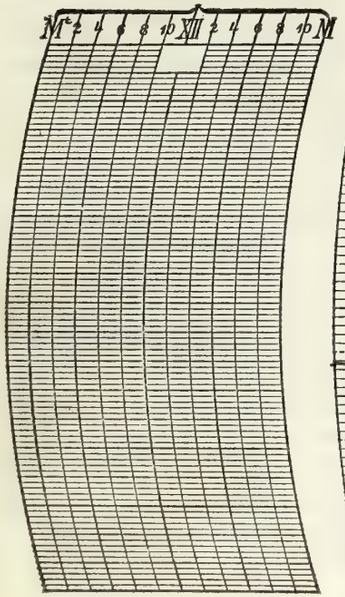
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.8 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 28
Prevailing wind direction, NE Total wind 242
Average hourly velocity, 10.1 Extreme velocity, 19
Maximum velocity, 18 Direction, NE
Time began, 3:49 p.m.
Reduced barometer, 30.11 7 a. m. 30.11 7 p. m.
River gage, 1.8 ft.
Relative humidity, 86 7 a. m. 65 7 p. m.

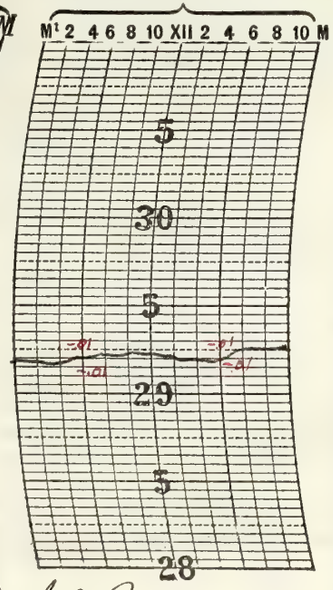
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 65.0
Dew-point, 60 R. humidity, 59 V. pressure, .517
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

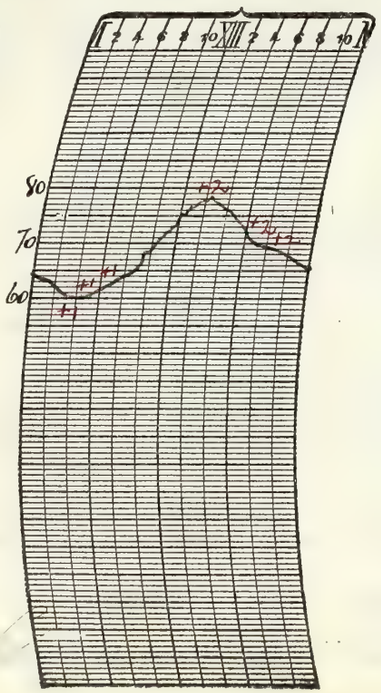
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was generally pt. cloudy with pleasant temperature. The night was clear with moonlight

Prepared by A. S. Baker

Verified by J. M. Otterson

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 1 5 1918, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	67	65	65	64	64	64	67	72	76	79	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy >< Pt. Cloudy							
Sunshine (in tenths of hours)					0	0	0	0.1	0.8	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	10	12	11	11	12	11	12	10	12	11	13	10
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:54; Character, Cloudy. Moonrise: 4:04 P.M.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	80	79	78	76	75	71	68	65	63	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.7	0.6	0	0	0.2	0.9 0.1	0.60 0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	13	14	11	14	14	12	9	9	9	8	10
Maximum velocities (exceeding 29 miles) direction and time												

Sunset: Time, 6:36; Character, Clear. Moonset: 12:46 a.m.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 7.0 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 51
Prevailing wind direction, NE Total wind 269
Average hourly velocity, 11.2 Extreme velocity, 18
Maximum velocity, 17 Direction, NE
Time began, 5:45 pm
Reduced barometer, 30.21 7 a. m. 30.23 7 p. m.
River gage, 1.7 ft
Relative humidity, 74 7 a. m. 34 7 p. m.

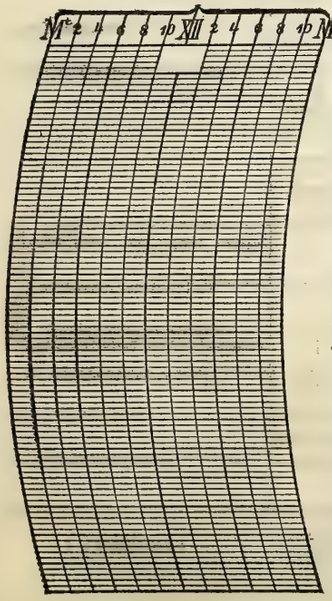
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

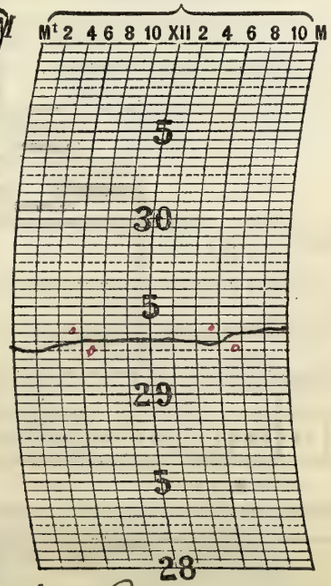
OBSERVATIONS AT ~~12 NOON.~~ 1:38 pm
(Local Mean Time.)

Dry temperature, 79.5 Wet temperature, 64.0
Dew-point, 54 R. humidity, 42 V. pressure, 417
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

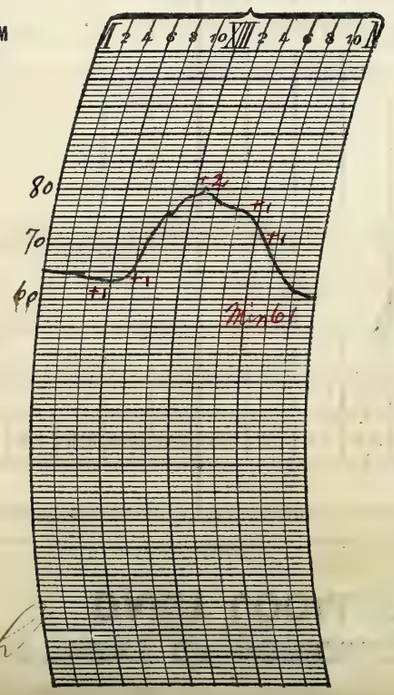
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was mostly Pt Cloudy with moderate temperature, the night was clear with moonlight.

Prepared by A. S. Baker.
Verified by P. McDonough.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 19 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	58	57	58	60	66	69	72	75	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←					Clear		
Sunrise: Time, Character,	4:55 Clear											
Moonrise:	4:48 p.m.											
Sunshine (in tenths of hours)					0.08 0	1.0 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE
Wind movement	11	10	10	9	8	8	9	13	14	14	14	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	81	83	84	83	83	77	73	71	68	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→				
Sunset: Time, Character,									6:34 Clear			
Moonset:									1:51 a.m.			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.57 0					
Wind direction	E	E	E	E	E	E	NE	NE	NE	NE	NE	E
Wind movement	13	12	11	10	9	7	10	10	10	10	9	9
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	57	70	

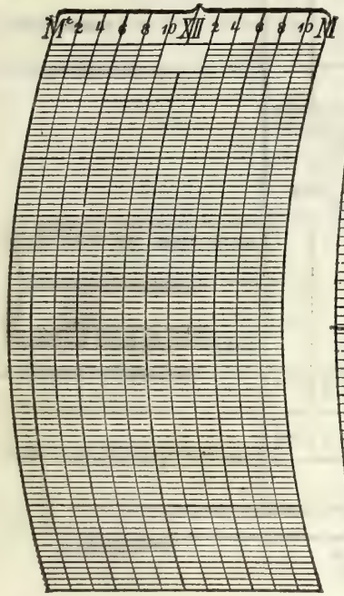
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.6 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 2054
Average hourly velocity, 10.6 Extreme velocity, 19
Maximum velocity, 17 Direction, NE
Time began, 9:02 a.m.
Reduced barometer, 30.33, 7 a. m. 30.23, 7 p. m.
River gage, 1.7 ft
Relative humidity, 81, 7 a. m. 53, 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

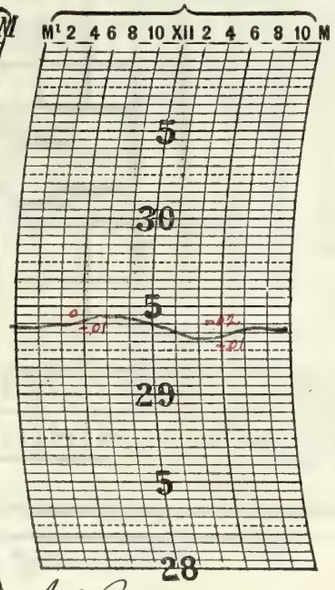
OBSERVATIONS AT ~~12 NOON.~~ 1:23 p.m. (Local Mean Time.)

Dry temperature, 77.4 Wet temperature, 65.4
Dew-point, 58 R. humidity, 57 V. pressure, .482
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

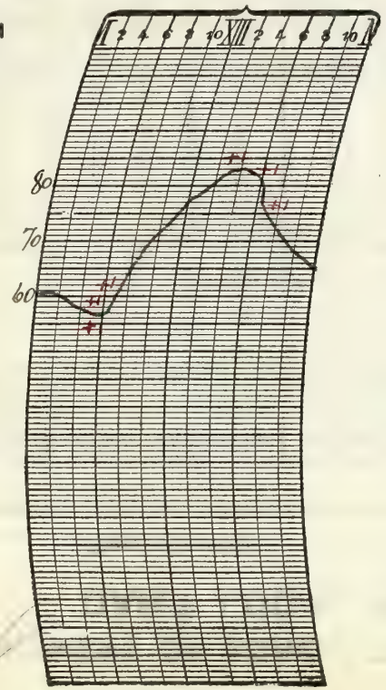
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light sleet in the a. m. Cool in the morning, but mild temperature during the day. Clear skies with bright moonlight at night.

Prepared by A. S. Baker

Verified by J. M. Finnegan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 20 1918, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	63	62	60	60	63	66	70	75	78	80	82	85	86	88	88	86	85	83	81	80	77	76	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear																(Pt. Cloudy)		Clear	Partly	(Cloudy)			
Sunrise: Time, Character,	4:56 Clear																				Sunset: Time, Character,	6:33 Cloudy		
Moonrise:	5:24 P.M.																				Moonset:	Bright		
Sunshine (in tenths of hours)					0.07 0	1.0 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.4	0	0					
Wind direction	E	E	E	E	E	E	SE	SE	S	S	S	S	S	S	S	S	S	S	SE	S	S	S	S	SW
Wind movement	5	5	4	5	6	4	5	8	6	6	5	6	9	9	7	7	8	5	5	4	6	7	4	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

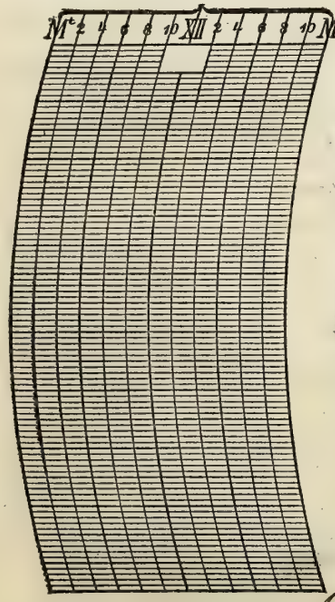
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	60	74	

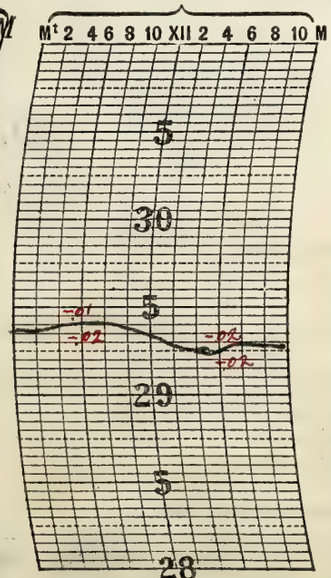
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.4 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 84
Prevailing wind direction, S Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 11
Maximum velocity, 11 Direction, S.
Time began, 12:39 p.m.
Reduced barometer, 30.30, 7 a. m. 30.157, p. m.
River gage, 1.6 ft.
Relative humidity, 74 7 a. m. 50 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 81.5 Wet temperature, 68.0
Dew-point, 61 R. humidity, 50 V. pressure, .536
Clouds: Amount, 4; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

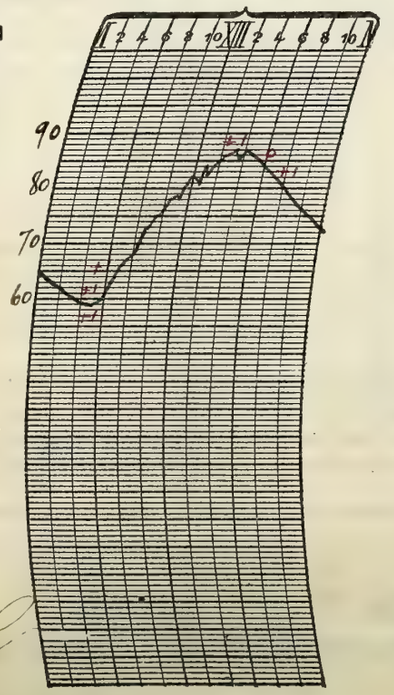
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was mostly clear but there was considerable cloudiness in the afternoon and night. The moon was partly obscured at night by Cirro-Stratus and Cirro-Cumulus clouds. Moderate temperature prevailed during the day.

There was a heavy deposit of dew in the early morning.

Prepared by A. S. Baker.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 21 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	70	70	70	70	72	76	80	83	84	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cloudy →											
Sunshine (in tenths of hours)					0	0	0	0	0.7	1.0	0.7	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	7	6	5	7	7	8	12	10	11	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	85	83	82	80	76	74	73	73	73	73	72
State of weather: Nature of precipitation and time of beginning and ending		RTS 1:00 RE 1:15 p				RP 5:35	RE 6:20					
Amounts of precipitation		T				T	T					
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)	0.4	0.5	0	0	0	0	0					
Wind direction	S	SW	W	NW	NW	S	SW	S	SW	SW	SW	SW
Wind movement	11	10	11	10	5	10	7	5	7	8	6	6

Sunrise: Time, 4:57; Character, Cloudy. Moonrise: 5:59 P.M.

Sunset: Time, 6:31; Character, Cloudy. Moonset: 4:15 AM

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	70	79	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy, Moon phase, Fullmoon 11 07 PM

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.2 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 31

Prevailing wind direction, SW Total wind 196

Average hourly velocity, 8.2 Extreme velocity, 17

Maximum velocity, 16 Direction, S.W

Time began, 1:39 pm

Reduced barometer, 30.17, 7 a. m. 30.11, 7 p. m.

River gage, 1.7 ft.

Relative humidity, 88, 7 a. m. 86, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:30 PM
(Local Mean Time.)

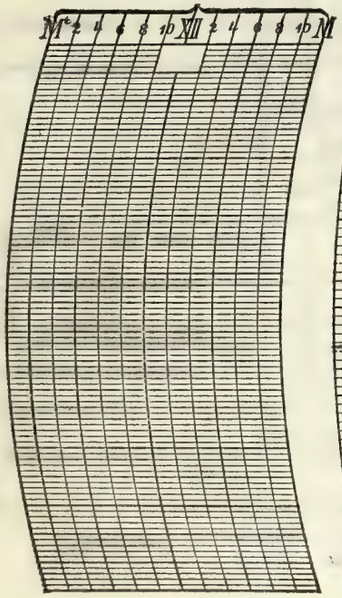
Dry temperature, 86.5 Wet temperature, 73.0

Dew-point, 67 R. humidity, 53 V. pressure, .661

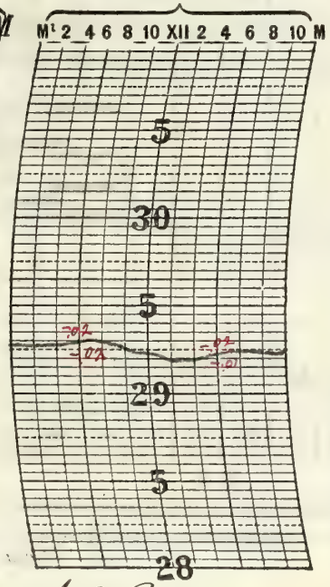
Clouds: Amount, 7; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

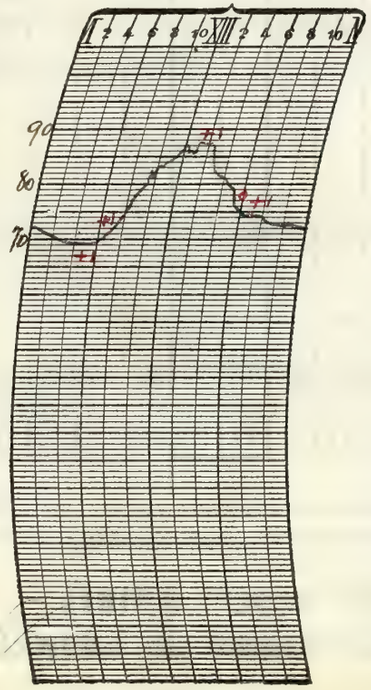
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was generally Cloudy, but light showers in the afternoon. The moonlight was partly obscured by Cirro-Cumulus and Strato-Cumulus Clouds at night. Moderate temperature obtained, but the weather was decidedly muggy.

Prepared by A. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 22 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	71	70	71	72	77	81	82	83	85	85	89	89	89	88	87	84	80	78	77	75	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy						Pt. Cloudy		Cloudy			Pt. Cloudy			Clear					
Sunshine (in tenths of hours)					0	0	0	0	0.4	0.9	0.5	0.8	*0.2	*0.6	0	0	0.8	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	6	6	7	7	6	7	8	9	10	12	11	10	12	14	11	14	11	8	7	6	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:38; Character, Cloudy. Moonrise: 6:31 P.m.

Sunset: Time, 6:30; Character, Cloudy. Moonset: 5:29 am

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

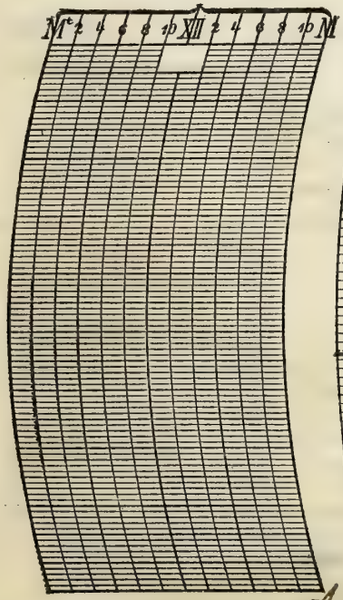
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.2. Possible sunshine, hours, 13.5
Per cent of possible sunshine, 31
Prevailing wind direction, SW. Total wind 209
Average hourly velocity, 8.7. Extreme velocity, 19
Maximum velocity, 18. Direction, SW
Time began, 1:42 pm.
Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.
River gage, 1.8 ft.
Relative humidity, 93 7 a. m. 48 7 p. m.

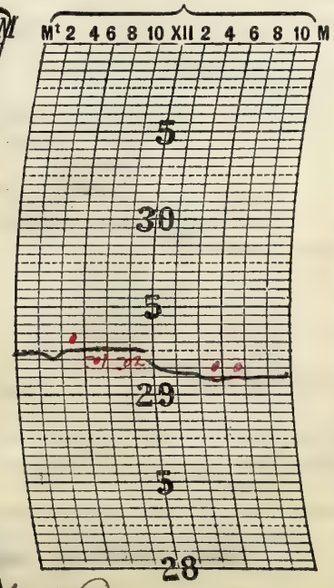
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 72.0
Dew-point, 66 R. humidity, 54 V. pressure, .638
Clouds: Amount, 2 6; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

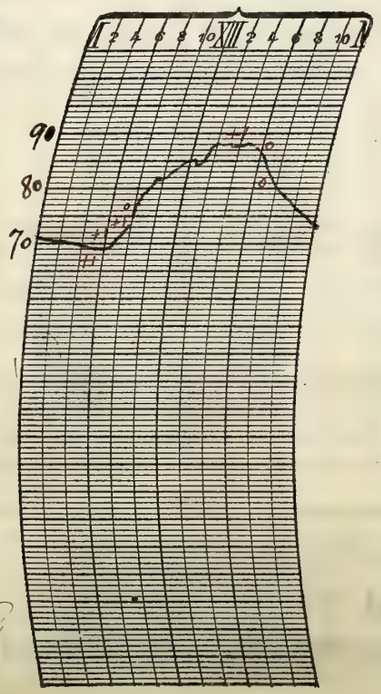
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Bixler
Verified by F. M. Honeywell

8—486

* Sun shining through detached clouds.

NOTES.

There was heavy dew in the early morning.

Ten am special observation taken and forwarded per instructions from Chief's Office

The day was generally partly Cloudy and the night was Clear with bright moonlight. It was quite warm and oppressive during the day.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 23 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	69	69	70	72	78	84	86	87	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					0.02 / 0	1.0 / 0	1.0 / 0	08 / 0.2	1.0	1.0	0.9	0.9
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	9	8	9	9	9	11	12	13	16	15

Sunrise: Time, 4:59; Character, Clear. Moonrise: 7:03 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	90	90	89	87	86	81	77	74	73	72	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear — Cloudy		Clear			— Cloudy						
Sunshine (in tenths of hours)	0.9	1.0	1.0	1.0	+ 0.7 / 0.3	+ 0.8 / 0	0					
Wind direction	S	S	S	S	S	S	S	NW	NW	NW	NW	NW
Wind movement	16	18	17	18	16	12	10	8	7	6	3	2

Sunset: Time, 6:28; Character, Cloudy. Moonset: 6:40 A.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

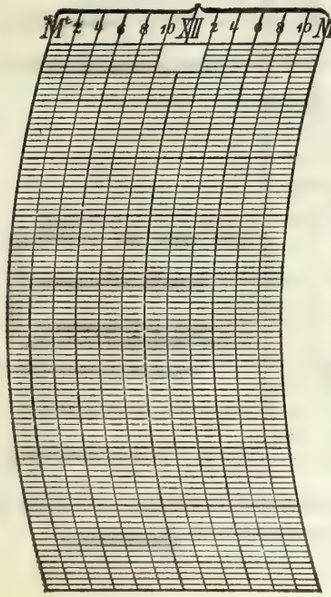
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	69	80	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.5 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 93
Prevailing wind direction, SW. Total wind 261
Average hourly velocity, 10.9 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 4:06
Reduced barometer, 30.03 7 a. m. 30.00 7 p. m.
River gage, 1.87
Relative humidity, 72 7 a. m. 64 7 p. m.

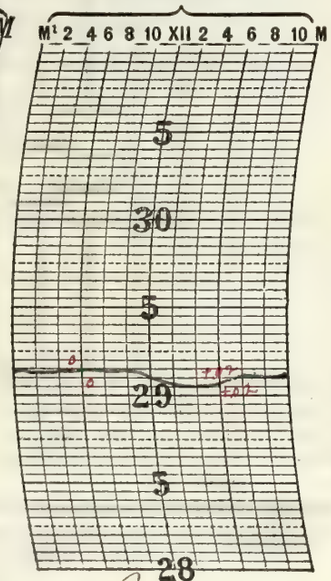
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M. (Local Mean Time.)

Dry temperature, 88.0 Wet temperature, 70.5
Dew-point, 62 R. humidity, 42 V. pressure, .555
Clouds: Amount, 6; Kind, Cir.; Direction, SW
Velocity of clouds (miles per hour)

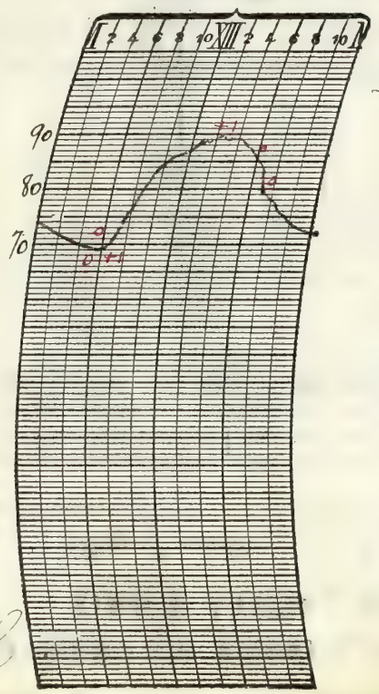
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



† From hourly observations

NOTES.

While there was some Cloudiness, the day was mostly Clear, There was more & less Cloudiness at night and the moon was observed at intervals. The weather was quite warm and Sultry.

Prepared by J. S. Baker

Verified by J. McAdonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 24 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	68	69	69	69	69	70	72	76	79	83	83	85	82	83	82	82	80	75	73	72	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy →								← Pt. Cloudy →						← Clear					
	Sunrise: Time, 5:00; Character, Cloudy; Moonrise: 7:34 P.M.																				Sunset: Time, 6:27; Character, Clear; Moonset: 7:59 am			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0.6	0.8	0.4 04	0.4 0					
Wind direction	NW	W	NW	NW	NW	N	N	N	N	N	N	NW	NW	W	W	NW	W	NW	NW	NW	NW	N	NW	NW
Wind movement	2	4	4	2	2	3	3	3	5	3	4	5	5	7	7	7	6	7	3	6	6	4	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

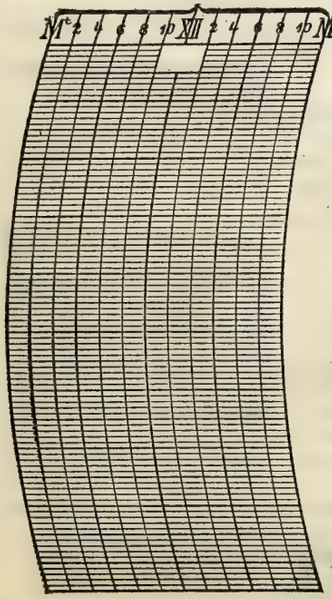
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.6 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 19
Prevailing wind direction, NW Total wind 104
Average hourly velocity, 4.3 Extreme velocity, 8
Maximum velocity, 8 Direction, W
Time began, 1:48 p.m.
Reduced barometer, 30.06 7 a. m. 30.03 7 p. m.
River gage, 1.8 ft.
Relative humidity, 82 7 a. m. 47 7 p. m.

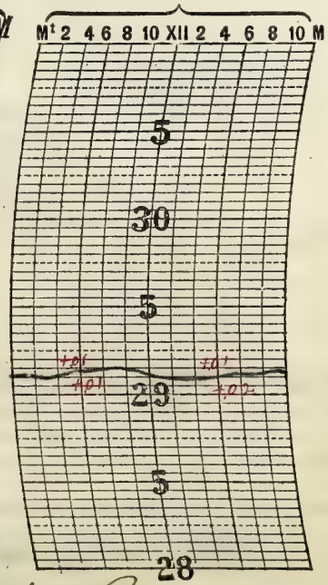
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 65.5
Dew-point, 56 R. humidity, 42 V. pressure, .448
Clouds: Amount, 3 4; Kind, Cu St; Direction, W W
Velocity of clouds (miles per hour)

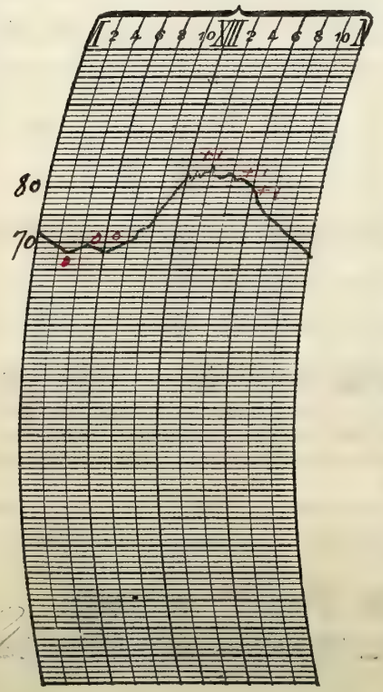
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was mostly Cloudy during the day, and it was clear at night with moonlight. Moderate temperature prevailed.

Prepared by J. J. Baker

Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 25 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	64	63	63	66	72	79	83	84	86	88	87	88	87	81	79	78	76	74	72	70	68	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear						→	× P.Cloudy				× Cloudy				→			
Sunshine (in tenths of hours)						0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	NW	O	NW	NW	NW	NW	N	N	SE	S	E	S	S	S	S	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	2	0	2	2	2	1	1	3	3	6	4	5	5	6	5	7	16	11	8	9	6	7	6	5

Sunrise: Time, 5:00; Character, Clear. Moonrise: 8:09 P.M.

Sunset: Time, 6:25; Character, Cloudy. Moonset: 9:15 am

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	63	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, P.Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 11.6 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 87

Prevailing wind direction, SW Total wind 122

Average hourly velocity, 5.1 Extreme velocity, 20

Maximum velocity, 19 Direction, S.W.

Time began, 4:12 pm

Reduced barometer, 30.09 7 a. m. 29.96 7 p. m.

River gage, 1.8 ft.

Relative humidity, 58 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:00 M.
(Local Mean Time.)

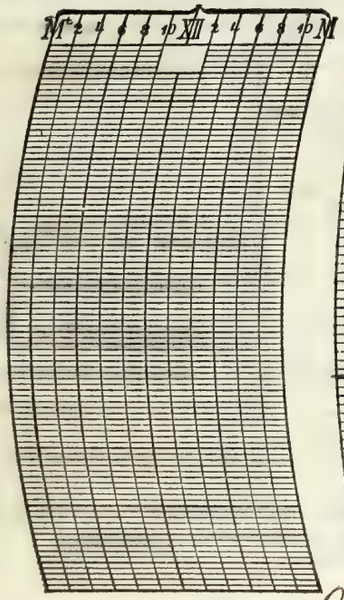
Dry temperature, 86.0 Wet temperature, 63.0

Dew-point, 47 R. humidity, 26 V. pressure, .322

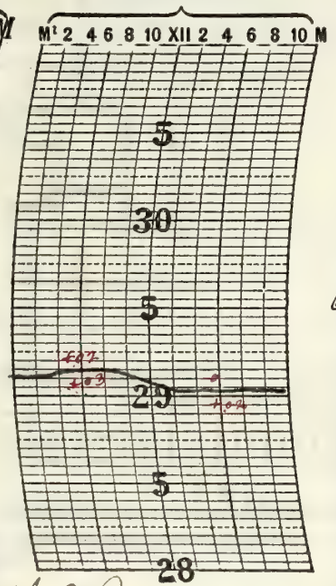
Clouds: Amount, 2; Kind, Cu St; Direction, NW

Velocity of clouds (miles per hour)

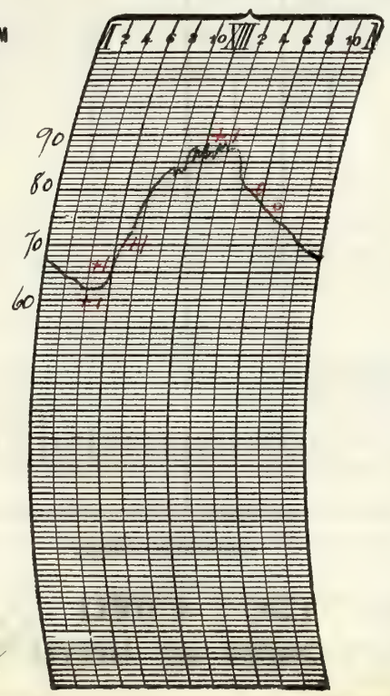
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was a light deposit of dew in the a.m.

The forenoon was mostly clear the afternoon partly cloudy, and early night cloudy. Moderate temperature prevailed

Prepared by W. S. Baker

Verified by P. McKenzie

2—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 26 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	65	66	66	67	71	75	79	82	83	83	84	85	80	79	79	78	77	76	73	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)						0	0	0	*1.0	*1.0	*1.0	*1.0	*1.0	*1.0	*1.0	*0.8	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	N	NE	NE	NE	E	E
Wind movement	5	5	6	5	8	7	9	8	8	6	8	5	9	9	9	9	9	4	3	4	5	9	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:02 Character, Cloudy
Moonrise: 8:47 P.m.
Sunset: Time, 6:24 Character, Cloudy
Moonset: 10:28 am

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

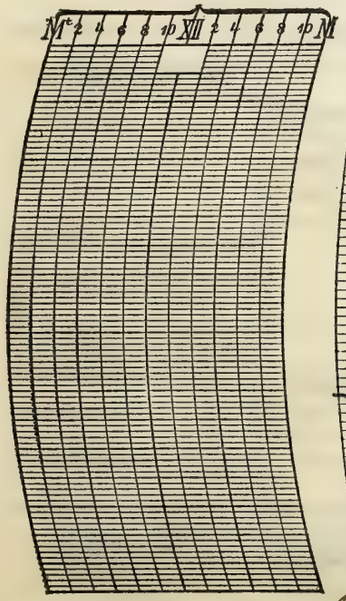
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

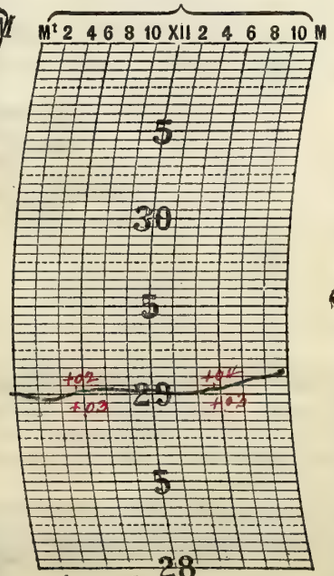
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 7.8 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 15
Maximum velocity, 14 Direction, NW
Time began, 10:54 pm
Reduced barometer, 29.96 7 a. m. 29.98 7 p. m.
River gage, 1.7 ft
Relative humidity, 81 7 a. m. 61 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.m.
(Local Mean Time.)
Dry temperature, 81.5 Wet temperature, 73.0
Dew-point, 70 R. humidity, 67 V. pressure, .732
Clouds: Amount, 4/4; Kind, Strat; Direction, NW
Velocity of clouds (miles per hour)

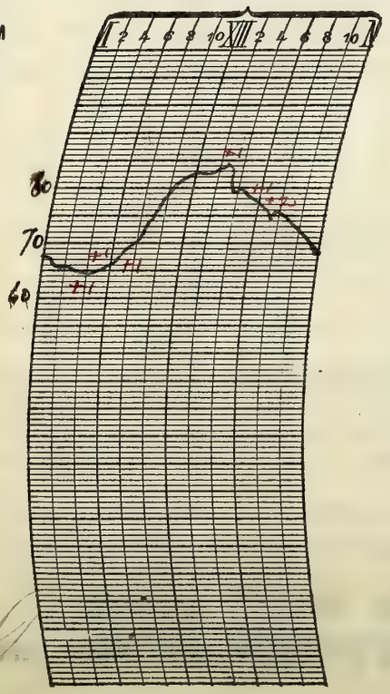
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Sunshining through ~~detached clouds~~.

NOTES.

The weather was mostly Cloudy during the day and night. Moderate temperature prevailed.

Prepared by A. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 27 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	63	61	60	60	62	68	71	75	79	76	77	76	75	73	76	70	69	67	67	66	66	66
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:55	–	RE 6:30	RB 7:05	–	–	–	–
Amounts of precipitation																	T	T	.01	.03	.05	.04	.01	T
Cloudiness and other conditions						Pt. Cloudy							Cloudy											
Sunrise: Time, 5:03; Character, Cloudy																								
Moonrise: 9:32 p.m.																								
Sunset: Time, 6:22; Character, Cloudy																								
Moonset: —																								
Sunshine (in tenths of hours)						0	0	0	1.0	0.2	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	SE	SE	SE	E	NE	NE	NE	NE	E
Wind movement	13	11	9	8	8	9	8	9	10	8	11	9	7	8	7	6	6	6	5	5	6	6	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	60	70	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase, ✓

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 12 Possible sunshine, hours, 13.3

Per cent of possible sunshine, 9

Prevailing wind direction, NE Total wind 188

Average hourly velocity, 7.8 Extreme velocity, 16

Maximum velocity, 15 Direction, NE

Time began, 12:24 am

Reduced barometer, 30.12 7 a. m. 30.06 7 p. m.

River gage, 1.7 ft.

Relative humidity, 82 7 a. m. 88 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:35 pm
(Local Mean Time.)

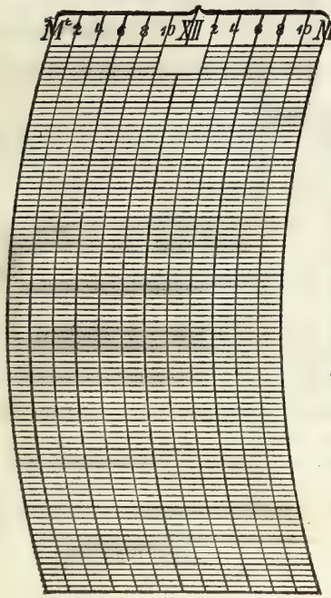
Dry temperature, 75.8 Wet temperature, 60.5

Dew-point, 50 R. humidity, 41 V. pressure, .360

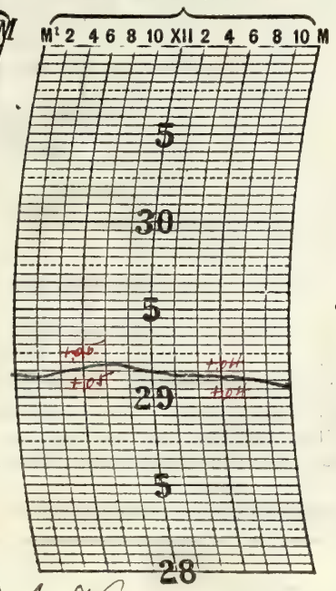
Clouds: Amount, 10; Kind, Strat; Direction, S

Velocity of clouds (miles per hour)

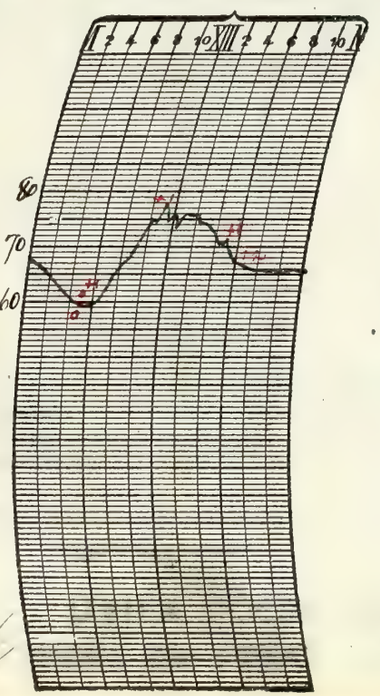
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing Cloudiness after the am observation, with light rain in the late afternoon and night. Moderate temperature prevailed, but the weather was quite muggy.

Prepared by A. S. Baker

Verified by T. McGlonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 28 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	67	67	67	67	68	69	70	71	70
State of weather: Nature of precipitation and time of beginning and ending	RE II.N.											RG 11:05
Amounts of precipitation	T											.01
Cloudiness and other conditions					Pt Cldy			Cloudy				
Sunrise: Time, Character,	5:04 Cloudy											
Moonrise:	10:22 P.M.											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	SE	SE	SE	SE	S	S	S	S	SW	SW
Wind movement	5	4	2	4	3	5	8	8	9	9	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	78	79	81	80	79	77	76	76	71	68	68
State of weather: Nature of precipitation and time of beginning and ending	RE 12:05									RG II.N	RE II.N	
Amounts of precipitation	T									T	T	
Cloudiness and other conditions					Pt Cldy			Cloudy				Clear
Sunset: Time, Character,									6:21 Cloudy			
Moonset:									12:48 P.M.			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	S	S	SW	SW	S	S	S	SW	SW	SW
Wind movement	7	9	9	9	12	8	7	11	12	14	12	13

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	66		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .13 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase, Last Quarter 1:27 pm

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 0 Possible sunshine, hours, 13.3

Per cent of possible sunshine, 0

Prevailing wind direction, S-SW Total wind 198

Average hourly velocity, 8.2 Extreme velocity, 21

Maximum velocity, 20 Direction, SW

Time began, 10:36 pm

Reduced barometer, 30.00 7 a. m. 29.92 7 p. m.

River gage, 1.8 ft.

Relative humidity, 94 7 a. m. 70 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m. (Local Mean Time.)

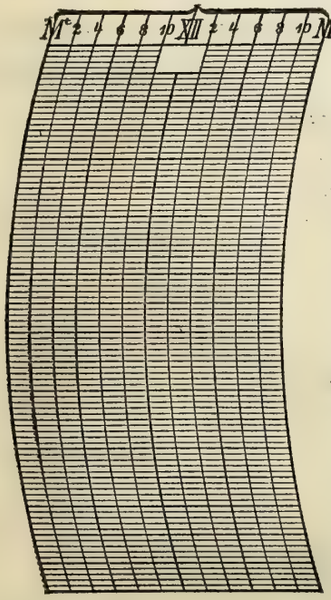
Dry temperature, 69.1 Wet temperature, 68.0

Dew-point, 67 R. humidity, 91 V. pressure, .661

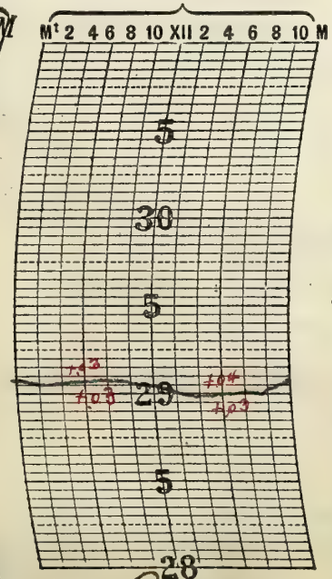
Clouds: Amount, 3+; Kind, 3+; Direction, SW

Velocity of clouds (miles per hour)

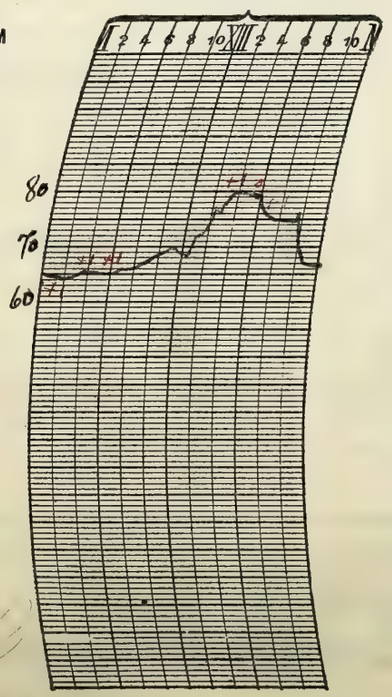
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by F. S. Baker

Verified by F. M. Kincaid

8—486

NOTES.

Generally cloudy with light showers at widely separated intervals. Lightning in the west at 8:45 p.m., and first thunder was heard at 9 p.m. the storm came from the west and it ended during the night of the p.m. Pleasant temperatures obtained during the day

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 29 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	69	68	65	63	62	64	67	68	73	77	79	80	81	81	80	79	80	75	72	69	68	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear								→					
Sunshine (in tenths of hours)						0.93 / 0	1.0 / 0	0.1 / 0.9	× / 1.0	× / 1.0	× / 1.0	× / 1.0	× / 1.0	× / 1.0	1.0	1.0	1.0	1.0	0.32 / 0					
Wind direction	SW	SW	NW	NW	NW	NW	NW	N	N	N	NE	NE	NW	NW	W	W	W	NW	NW	N	N	N	NE	NE
Wind movement	12	10	5	7	7	6	9	8	6	6	4	5	6	7	6	8	6	6	4	6	5	4	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:04 Character, Clear
Moonrise: 11:17 P.M.
Sunset: Time, 6:19 Character, Clear
Moonset: 1:48 P.M.

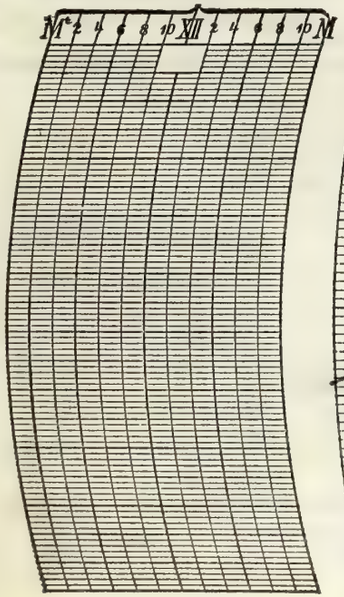
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	62	72	

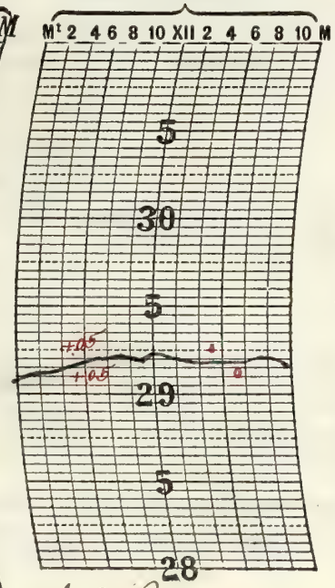
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 157
Average hourly velocity, 6.5 Extreme velocity, 8.5
Maximum velocity, 8.13 Direction, SW
Time began, 12:51 a.m.
Reduced barometer, 30.12 7 a. m. 30.06 7 p. m.
River gage, 1.8 ft.
Relative humidity, 85 7 a. m. 31 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 78.0 Wet temperature, 60.0
Dew-point, 47 R. humidity, 34 V. pressure, 322
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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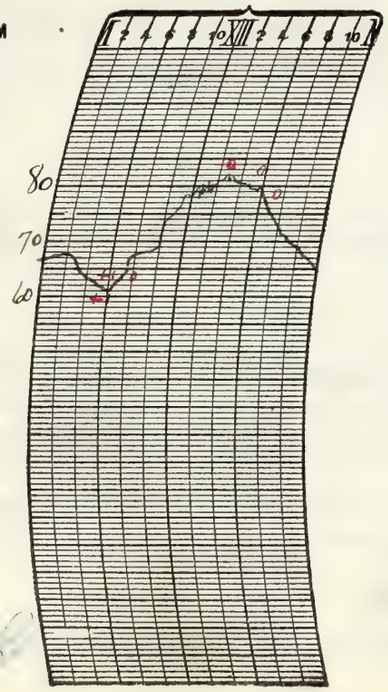


NOTES.

From eye observation Max and Ex velocity for 24 hours and 40 minutes
Clear and pleasant
Weather.

Prepared by W. S. Baker
Verified by P. McElroy

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 30 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	62	58	61	63	63	63	63	64	65	66
State of weather: Nature of precipitation and time of beginning and ending				R B 3:05		RE 5:39				R B 9:30	RE 10:15	
Amounts of precipitation				.43	.17	.05				.01	T	
Cloudiness and other conditions				←			Cloudy					
Sunrise: Time, Character	5:05 Cloudy											
Moonrise:	— —											
Sunshine (in tenths of hours)						0	0	0	*.02	*.02	*.06	*.02
Wind direction	NE	NE	NE	NW	NW	NE	E	SW	S	SW	S	SW
Wind movement	5	7	6	10	11	8	3	5	7	12	9	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	72	73	74	72	70	70	69	68	67	66
State of weather: Nature of precipitation and time of beginning and ending							R B 6:02 R E 6:15					
Amounts of precipitation							T					
Cloudiness and other conditions						Partly Cloudy						
Sunset: Time, Character									6:17 Cloudy			
Moonset:									2:30 P.M.			
Sunshine (in tenths of hours)	*1.0	*1.0	*.06	0.6	1.0	0.1	0					
Wind direction	S	SW	SW	S	S	S	S	S	SW	SW	S	SW
Wind movement	6	7	8	6	6	6	5	6	6	9	9	9

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
3:05 a	5:39 a	.65	3:24 a	3:33 a	.07	.26	.31												

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .65 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .66 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 5.7 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 43

Prevailing wind direction, S Total wind 173

Average hourly velocity, 7.2 Extreme velocity, 28

Maximum velocity, 22 Direction, W

Time began, 3:22 am.

Reduced barometer, 29.98 7 a. m. 29.92 7 p. m.

River gage, 1.9 ft.

Relative humidity, 90 7 a. m. 75 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm.
(Local Mean Time.)

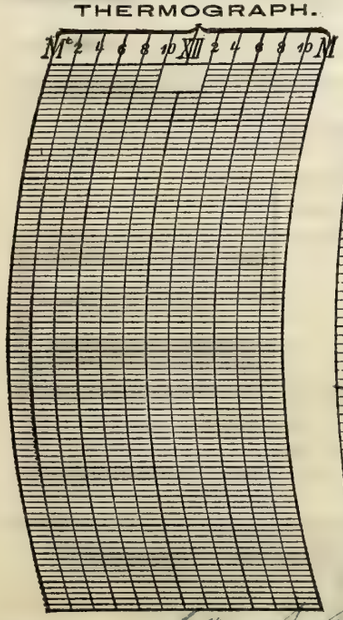
Dry temperature, 69.0 Wet temperature, 64.2

Dew-point, 61 R. humidity, 78 V. pressure, .536

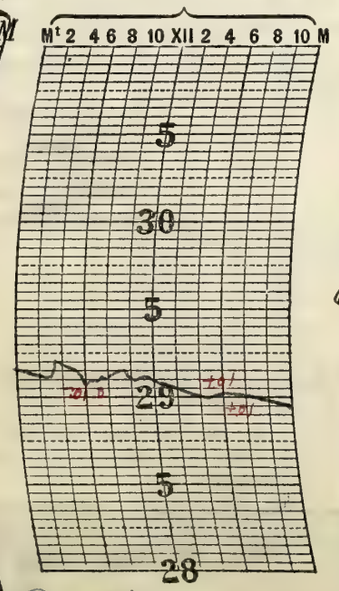
Clouds: Amount, 7 3; Kind, St+; Direction, SW

Velocity of clouds (miles per hour)

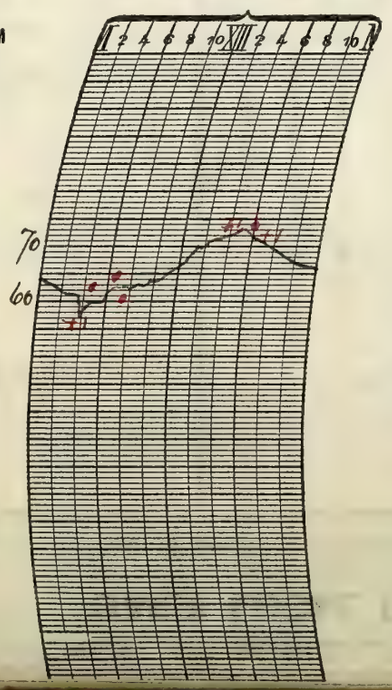
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Cloudy and Cool, with intermittent Showers, but no excessive fall occurred between 3:24 am and 3:33 am.
There was a moderate thunder-storm from 3:10 am until 5:39 am

Prepared by O. S. Barker

Verified by J. M. Hanough

Form No. 1012—Sec. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 31 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	66	65	64	60	59	61	64	67	71	72
State of weather: Nature of precipitation and time of beginning and ending			RB DN	-	-	-	-	RE 7:24				
Amounts of precipitation			.01	T	T	.01	.03	.01				
Cloudiness and other conditions			Cloudy					Pt. Cloudy				
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	NW	N	NW	NW	NW	NW	W
Wind movement	10	10	10	11	10	14	7	4	10	12	13	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	73	72	70	69	66	64	63	62	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.9	0.2					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW
Wind movement	18	17	16	17	15	10	7	4	3	2	1	3

Sunrise: Time, 5:07; Character, Cloudy
Moonrise: 12:18 am
Sunset: Time, 6:16; Character, Clear
Moonset: 3:24 pm

Maximum velocities (exceeding 29 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

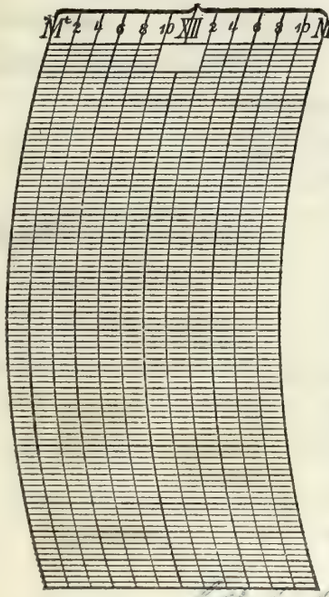
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, 0.06 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.7. Possible sunshine, hours, 13.2
Per cent of possible sunshine, 81
Prevailing wind direction, NW. Total wind 238
Average hourly velocity, 9.9. Extreme velocity, 22
Maximum velocity, 21. Direction, NW
Time began, 1:25 P.M.
Reduced barometer, 29.90 7 a. m. 30.05 7 p. m.
River gage, 19 ft.
Relative humidity, 97 7 a. m. 54 7 p. m.

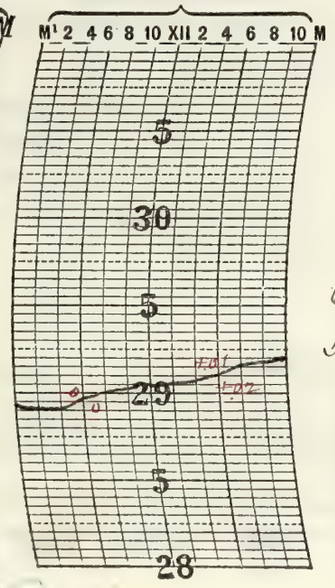
OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M.
(Local Mean Time.)

Dry temperature, 70.8. Wet temperature, 59.3
Dew-point, 52. R. humidity, 51. V. pressure, .387
Clouds: Amount, 4; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

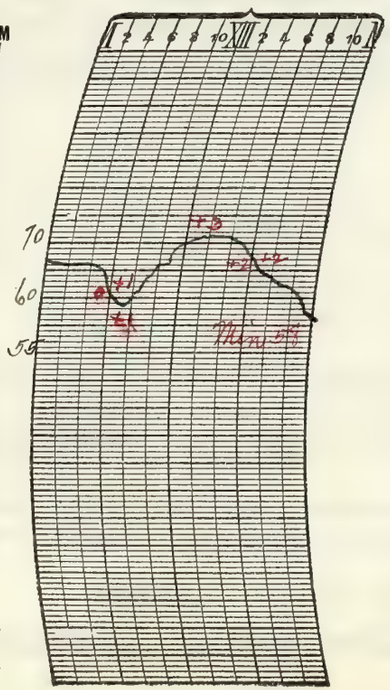
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Showers occurred in the early part of the day but decreasing cloudiness from the a.m. observation, the afternoon being mostly clear with pleasant temperature.

Prepared by W. S. Parker
Verified by P. McDonnell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 1, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	53	52	53	57	65	70	72	74	77	79	8	80	80	80	78	75	71	69	67	65	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→			
Sunshine (in tenths of hours)						6 0.2	10	10	10	10	10	10	10	10	10	10	10	0.3 0.7	0.23 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	4	4	6	5	4	5	6	9	9	10	11	9	9	9	8	8	7	5	3	4	6	8	7	5
Maximum velocities (exceeding 50 miles) direction and time																								

Sunrise: Time, 5:08 Character, Clear

Moonrise: 120 am

Sunset: Time, 6:14 Character, Clear

Moonset: 4:02 pm

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	52	66	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 13.1 Possible sunshine, hours, 13.1

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 161

Average hourly velocity, 6.7 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 9:45 am

Reduced barometer, 30.18 7 a. m. 30.12 7 p. m.

River gage, 2.0 ft

Relative humidity, 73 7 a. m. 44 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 PM.
(Local Mean Time.)

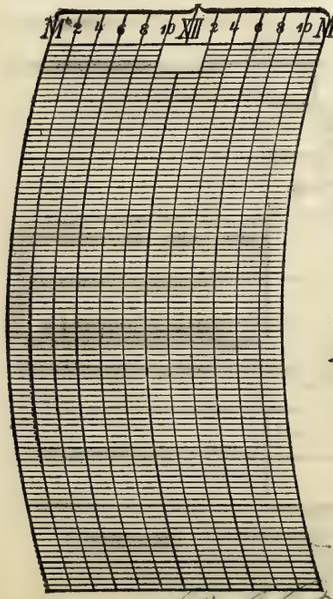
Dry temperature, 76.3 Wet temperature, 57.8

Dew-point, 48 R. humidity, 37 V. pressure, .334

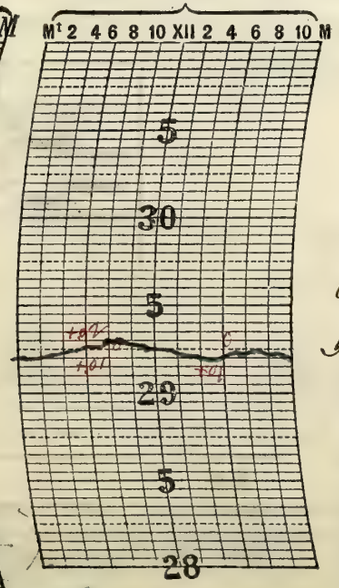
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

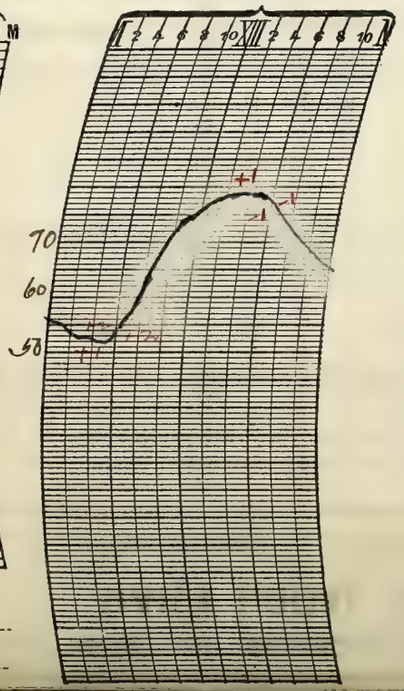
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. C. Dake

Verified by C. M. Hansen

NOTES.

Heavy deposit of dew in the a. m.

Clear and pleasant weather. Cool in the morning but the temperature rose steadily during the day

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 2, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	61	61	61	63	68	71	74	75	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)						0	0	0	L 0.9	L 1.0	L 1.0	L 1.0
Wind direction	S	S	S	S	S	SE	SE	SE	S	S	S	S
Wind movement	4	4	5	5	4	4	4	7	8	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	77	76	74	71	64	61	62	63	64	64
State of weather: Nature of precipitation and time of beginning and ending					RB 4:55p	-	-	-	-	RE 9:30		
Amounts of precipitation					T	.04	.14	.02	T	T		
Cloudiness and other conditions	→											
Sunshine (in tenths of hours)	L 1.0	L 1.0	0	0	0	0	0					
Wind direction	S	S	SE	SE	SE	E	S	S	S	S	S	S
Wind movement	9	8	8	8	6	7	12	6	7	10	10	14

Sunrise: Time, 5:09; Character, Cloudy. Moonrise: 2:23 am

Sunset: Time, 6:12; Character, Cloudy. Moonset: 4:34 p.m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	61	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 5.9. Possible sunshine, hours, 13.0

Per cent of possible sunshine, 45

Prevailing wind direction, S. Total wind 180

Average hourly velocity, 7.5. Extreme velocity, 23

Maximum velocity, 21. Direction, S

Time began, 6:02 p.m.

Reduced barometer, 30.09 7 a. m. 29.91 7 p. m.

River gage, 19 ft.

Relative humidity, 84 7 a. m. 94 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M. (Local Mean Time.)

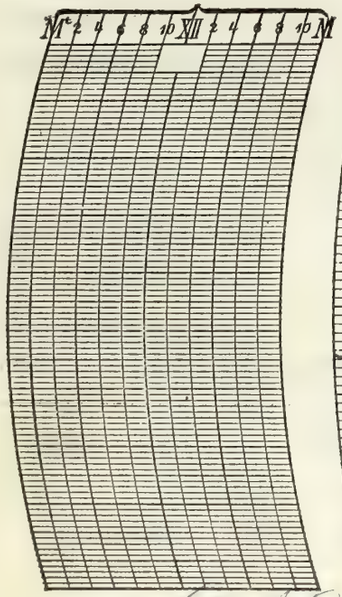
Dry temperature, 76.0. Wet temperature, 62.0

Dew-point, 53. R. humidity, 45. V. pressure, .402

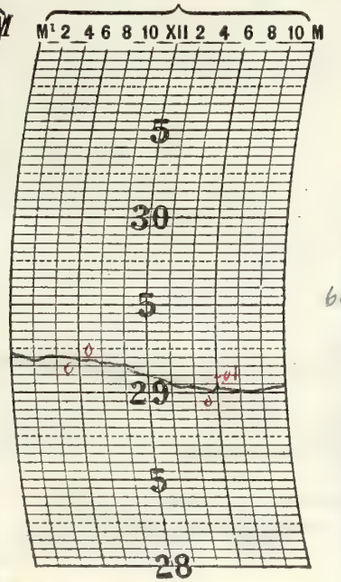
Clouds: Amount, 10; Kind, Ast; Direction, W

Velocity of clouds (miles per hour)

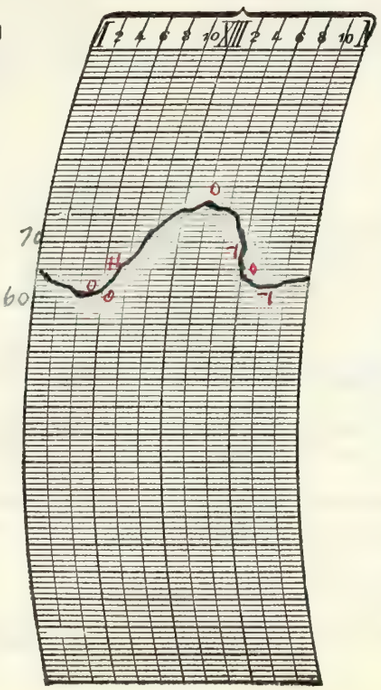
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES.

L Sun shining through A. St. Clouds.

The day was cool and cloudy with Alto-Stratus Clouds prevailing, a partial solar halo of 22° radius was observed at 5:40 a.m., and a faint solar halo of like radius was visible at 6:45 a.m.

Light rain began at 4:55 p.m. and continued until 9:30 p.m.

Form No. 1014—Mo'T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 3, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	63	64	64	65	69	70	70	71	73	75	74	74	73	72	[illegible]	67	65	63	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0	0	1.0	1.0	0.9 +	0.8 +	0.9	1.0	0.6	0.1	0.7	0	0					
Wind direction	SW	W	SW	SW	SW	W	W	W	W	NW	W	[illegible]	NW	NW	NW	NW	NW	NW	W	NW	N	N	N	N
Wind movement	9	10	8	6	7	7	8	9	10	9	9	7	5	8	8	8	7	4	5	6	7	6	6	7

Cloudy — Pt Cloudy — Pt Cloudy

Sunrise: Time, 5:10 Character, Cloudy

Moonrise: 3:25 am

Sunset: Time, 6:11 Character, Cloudy

Moonset: 5:03 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.0 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 54

Prevailing wind direction, W-NW Total wind 176

Average hourly velocity, 7.3 Extreme velocity, 12

Maximum velocity, 12 Direction, W

Time began, 8:30 am

Reduced barometer, 30.07 7 a. m. 30.05 7 p. m.

River gage, 1.8 ft

Relative humidity, 89 7 a. m. 67 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

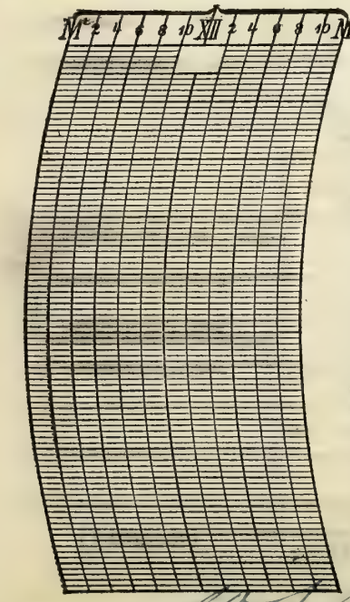
Dry temperature, 71.0 Wet temperature, 63.5

Dew-point, 59 R. humidity, 67 V. pressure, .419

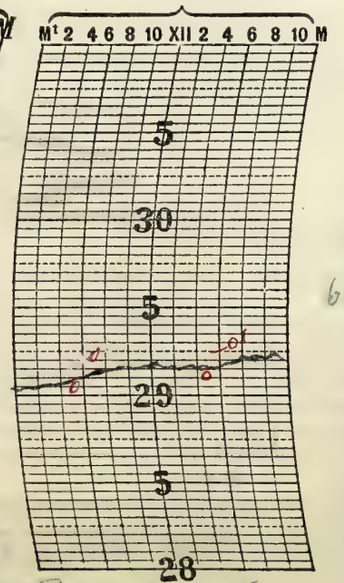
Clouds: Amount, 6+ ; Kind, Cu+Cu; Direction, NW

Velocity of clouds (miles per hour)

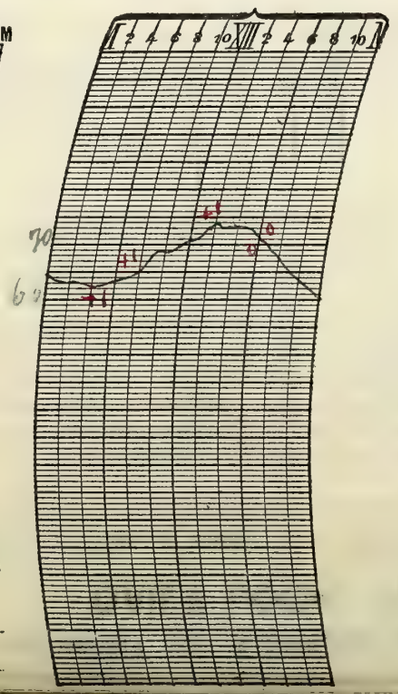
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds

NOTES.

Forenoon cloudy, afternoon partly cloudy to clear. Pleasant temperature prevailed.

Prepared by W. S. Baker

Verified by F. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 4, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	58	58	59	61	62	62	61	61	62
State of weather: Nature of precipitation and time of beginning and ending								RB 7:40	–	–	–	–
Amounts of precipitation								T	.08	.12	.09	.48
Cloudiness and other conditions										Cloudy		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	58	56	56	55	55	54	54	54	54
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	RE 1N		
Amounts of precipitation	.42	.48	.40	.87	.79	.17	.19	.07	T	.01		
Cloudiness and other conditions												

Sunrise: Time, 5:11 Character, Cloudy
Moonrise: 4:26 am

Sunset: Time, 6:09 Character, Cloudy
Moonset: 5:24 p.m.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	8	8	8	8	10	9	10	12	14	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	E	E	NE	NE	NE	NE	NE	NE	N	N	N
Wind movement	10	14	15	14	13	16	16	16	14	11	10	10

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.
7:40 a	8:45 p	4.17	3:22 p	4:22 p	.219

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
.06	.15	.39	.55	.65	.68	.71	.80	.86	.102	.133			

Excessive precipitation, accumulated amounts

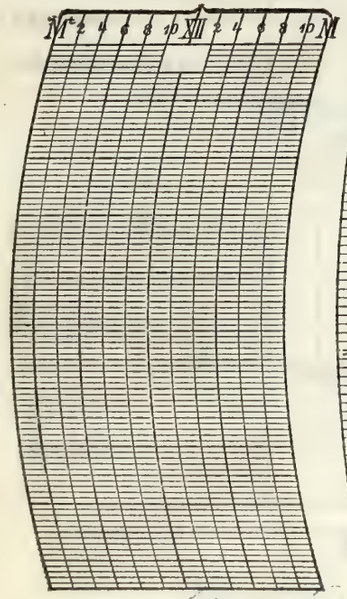
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	54	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 4.06 ins.
Total precipitation, midnight to midnight, 4.17 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 271
Average hourly velocity, 11.3 Extreme velocity, 24
Maximum velocity, 22 Direction, NE
Time began, 3:50 p.m.
Reduced barometer, 30.08 7 a. m. 29.78 7 p. m.
River gage, 1.9 ft.
Relative humidity, 86 7 a. m. 100 7 p. m.

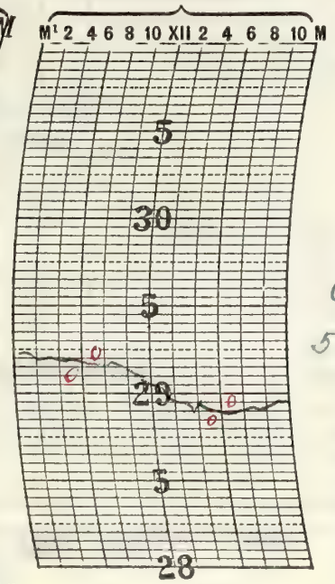
OBSERVATIONS AT ~~12 NOON.~~ 12:28 PM
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 62.0
Dew-point, 62 R. humidity, 100 V. pressure, .555
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

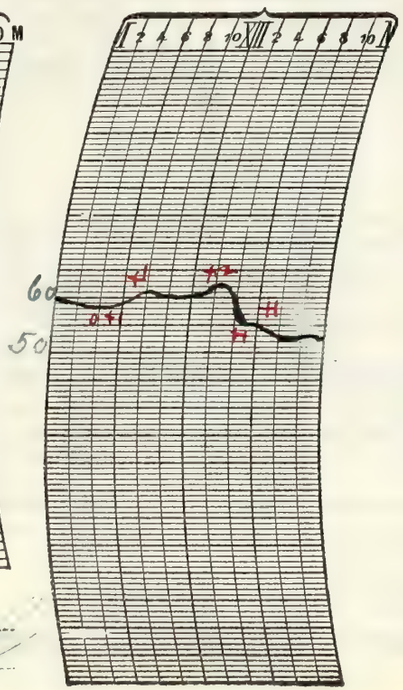
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by Geo. A. Cox
Verified by C. C. Thorough

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NOTES.

In connection with a storm that moved over this section from the southwest, rain began at 7:40 a.m. and continued without interruption until the late night. The rain was excessive between 3:22 p.m. and 4:22 p.m., 1.33 falling in one hour, and for the storm there was 4.17 inches. The duration was 13:30 hours. Moderately low temperatures prevailed during the day.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 5, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	54	54	54	[illegible]	54	55	57	57	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				L	Cloudy			L	—	Partly	cloudy	—
Sunrise: Time, Character	5:11 Cloudy											
Moonrise	5:26 am											
Sunshine (in tenths of hours)						0	0	0.1	0.2	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	10	11	12	13	11	12	10	11	12	12	13	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	66	64	63	60	58	55	53	52	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	cloudy	—			><	—	Clear			—		
Sunset: Time, Character									6:08 Clear			
Moonset									5:54 P.m.			
Sunshine (in tenths of hours)	1.0	0.9	0.1	0	0.5	0.4	1.3					
Wind direction	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	11	11	11	10	8	8	7	8	6	6
Maximum velocities (exceeding 29 miles) direction and time												

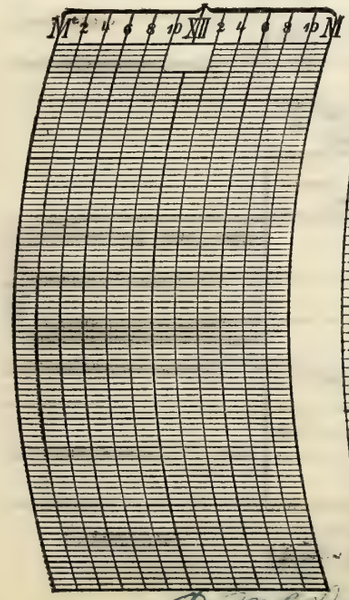
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	50	57	

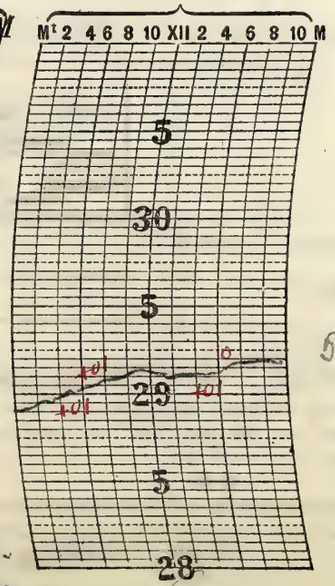
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, New Moon
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.3 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 48
Prevailing wind direction, N Total wind 252
Average hourly velocity, 10.5 Extreme velocity, 19
Maximum velocity, 18 Direction, N
Time began, 11:17 am
Reduced barometer, 30.01 7 a. m. 30.09 7 p. m.
River gage, 9.3 ft
Relative humidity, 83 7 a. m. 57 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 63.8 Wet temperature, 51.3
Dew-point, 40 R. humidity, 41 V. pressure, .247
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

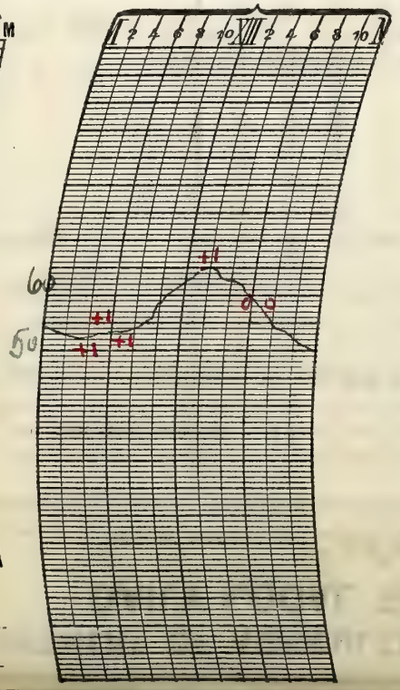
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by F. M. Donough
Verified by F. M. Donough

8—486

NOTES.

Decreasing cloudiness from the eve. observation, the late afternoon and night being mostly clear. Moderate low temperatures prevailed.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 6, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	48	48	48	52	58	60	63	65	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				L	—	—	—	Clear	—	—	—	—
Sunrise: Time, 5:12 Character, Clear												
Moonrise: 6:25 am												
Sunshine (in tenths of hours)						0.80 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NE	NE	N	NW
Wind movement	4	3	3	5	4	3	3	4	4	4	4	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	68	67	66	65	62	60	58	55	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	—	—	—	—	L Pt. cldy	L Clear	—	—	—
Sunset: Time, 6:06 Character, Clear												
Moonset: 6:18 pm												
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.6	0.5	0.6	1.0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	SW	SW
Wind movement	8	8	8	7	6	3	3	2	3	1	3	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

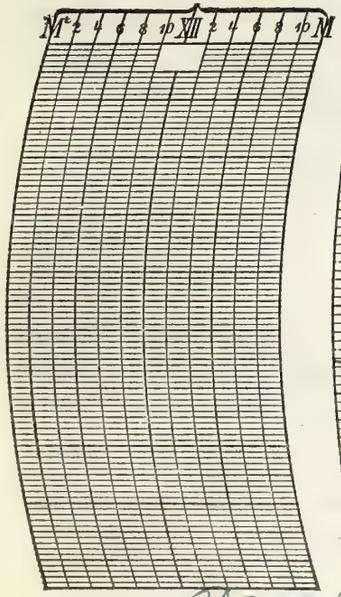
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	47	58	

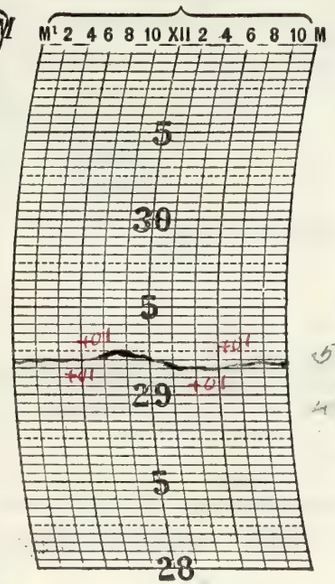
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.5 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 89
Prevailing wind direction, NW Total wind 105
Average hourly velocity, 4.4 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 1:53 pm
Reduced barometer, 30.15 7 a. m. 30.09 7 p. m.
River gage, 7.6 ft
Relative humidity, 75 7 a. m. 55 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm
(Local Mean Time.)
Dry temperature, 66.0 Wet temperature, 56.5
Dew-point, 50.0 R. humidity, 55 V. pressure, .360
Clouds: Amount, 3; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

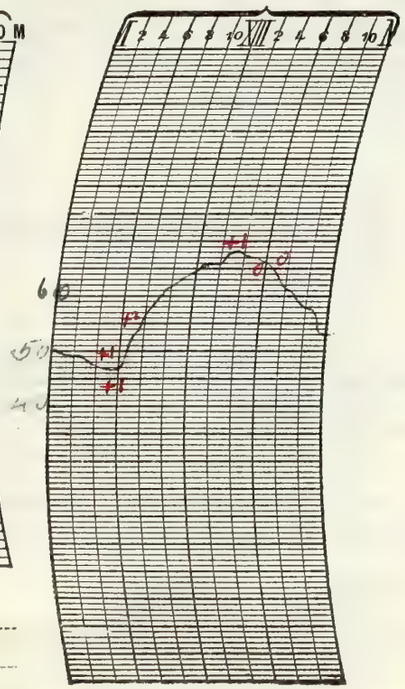
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. McDonough
Verified by C. McDonough

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NOTES. ∅ From eye obs. + Partly interpolated.

The weather was cool and mostly clear, but with some cloudiness in the afternoon, cumulus from the northwest predominating

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 7, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	51	51	55	57	63	67	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						L—Pt	Cloudy	—Y	Clear	Y	Pt	
Sunshine (in tenths of hours)						0	0	10	10	10	10	06
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW
Wind movement	6	5	5	7	5	6	3	4	6	7	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	75	75	74	72	68	64	66	64	60	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy									—7		
Sunshine (in tenths of hours)	09	09	10	10	10	03	0					
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	NW	SW	W
Wind movement	8	8	10	8	7	5	4	3	1	1	1	2

Sunrise: Time, 5:13 Character, Cloudy
Moonrise: 7:23 am

Sunset: Time, 6:04 Character, Cloudy
Moonset: 6:43 pm

Maximum velocities (exceeding 72 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

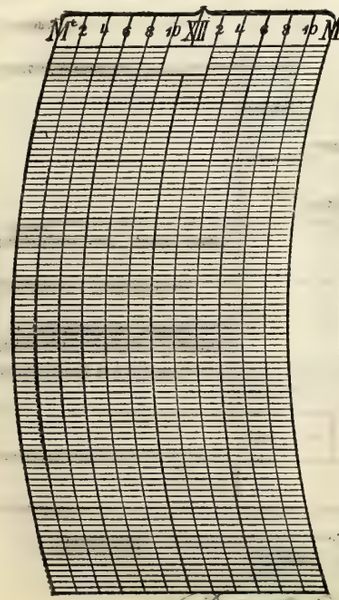
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	55	63	

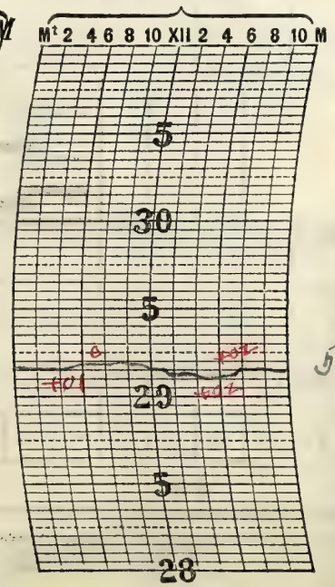
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 76
Prevailing wind direction, SW Total wind 127
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:33 P.M.
Reduced barometer, 30.11 a. m. 30.07 p. m.
River gage, 4.3 ft
Relative humidity, 80 7 a. m. 67 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1:38 P.M.
(Local Mean Time.)
Dry temperature, 73.0 Wet temperature, 60.0
Dew-point, 57 R. humidity, 46 V. pressure, .373
Clouds: Amount, 4; Kind, Ku; Direction, SW
Velocity of clouds (miles per hour)

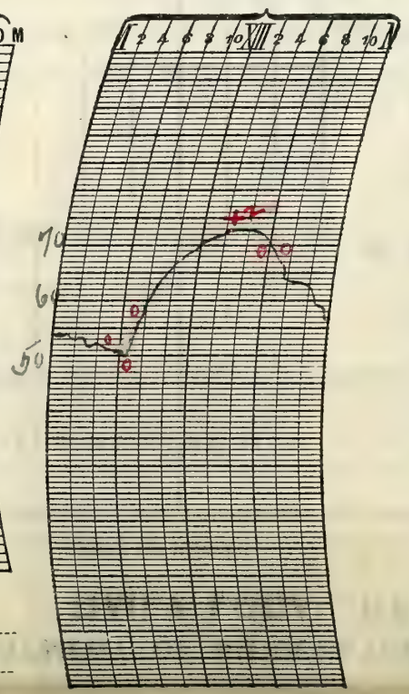
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Morning cool with a minimum temperature of 50°, but the temperature rose to 75° during the day. The day was largely partly cloudy and quite pleasant.

Prepared by C. M. Donnegan
Verified by J. M. Donnegan

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 8, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	56	57	56	56	56	62	68	70	73	74	75	75	76	77	75	73	71	64	65	62	62	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					L	Pt. Cloudy			7L			Clear				7L		Pt. Cloudy		7L	Clear			
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0	0.4	0.7	0.8	1.0	0.5							
Wind direction	W	W	SW	SW	W	W	W	W	NW	NW	NW	NW	E	ESE	E	SW	SW	W	0	W	E	E	ESE	S
Wind movement	1	2	2	2	2	1	1	2	2	4	3	4	3	3	2	3	7	3	0	2	1	1	4	4

Sunrise: Time, 5:14 Character, Cloudy
Moonrise: 8:22 am
Sunset: Time, 6:03 Character, Cloudy
Moonset: 7:10 pm

Maximum velocity, 74 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

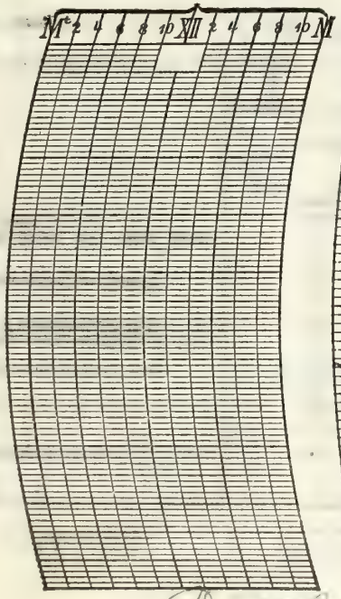
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 4.8 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 61
Prevailing wind direction, W Total wind 59
Average hourly velocity, 2.5 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 4:10 P.M.
Reduced barometer, 30.10 7 a. m. 30.12 7, p. m.
River gage, 3.2 ft
Relative humidity, 94 7 a. m. 53 7 p. m.

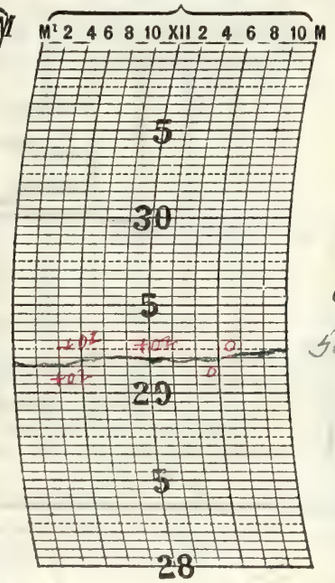
OBSERVATIONS AT ~~12 NOON.~~ 1:38 P.M. (Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 58.0
Dew-point, 47 R. humidity, 40 V. pressure, .322
Clouds: Amount, 2; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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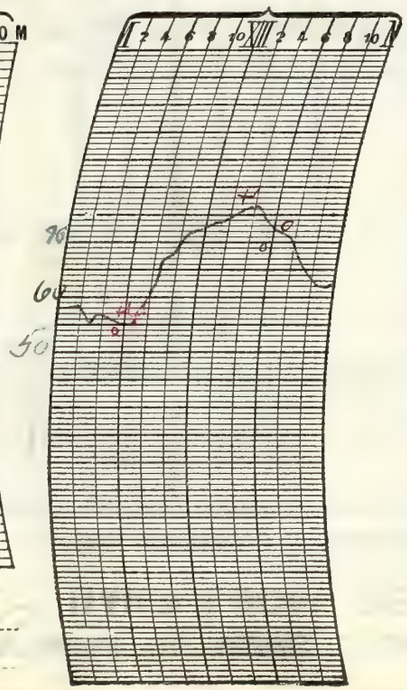


NOTES.

Fine, pleasant day.

Prepared by D. A. Donnell
Verified by C. M. Donnell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 9, 1918

Time (local standard), 90th mer.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	58	56	54	58	61	65	72	77	78	78	78	78	77	76	74	70	67	66	64	63	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				L	Clear		7	Pt.	cldy	7	Clear	7	L	Pt Cloudy	7		L	Clear			7			
Sunrise: Time, 5:15 Character, Clear																					Sunset: Time, 6:01 Character, Cloudy			
Moonrise: 9:20 am																					Moonset: 7:40 p.m.			
Sunshine (in tenths of hours)						ϕ .75	ϕ 0.4	0.3	0	0.6	1.0	1.0	1.0	0.7	0.9	1.0	0.8	ϕ 0.6	0					
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	W	SW	W	SW	W	W	SW	SW	SW	SW	SW	W	NW
Wind movement	5	5	2	1	4	6	5	5	5	4	6	7	10	11	11	11	9	6	6	6	7	7	5	5
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

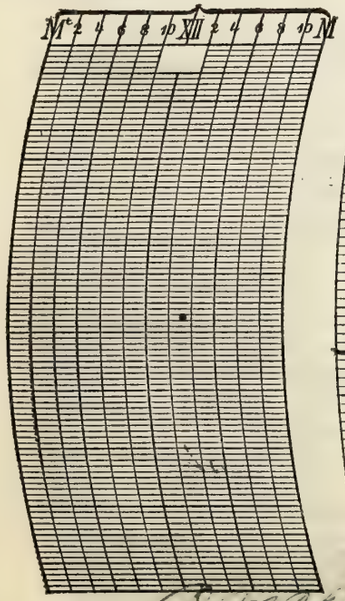
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.0 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind 149
Average hourly velocity, 6.2 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 12:35 P.M.
Reduced barometer, 30.26 7 a. m. 30.26 7 p. m.
River gage, 2.74
Relative humidity, 7 a. m. 7 p. m.

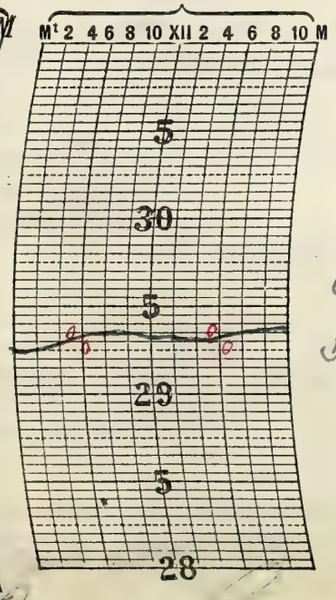
OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M.
(Local Mean Time.)

Dry temperature, 77.4 Wet temperature, 59.9
Dew-point, 47 R. humidity, 34 V. pressure, .322
Clouds: Amount, 4; Kind, Cu.; Direction, W.
Velocity of clouds (miles per hour)

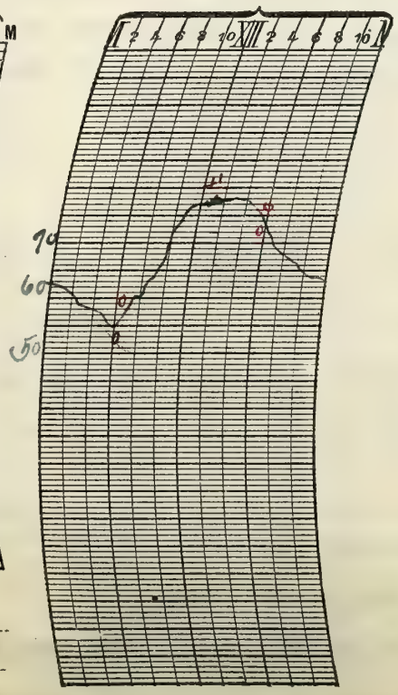
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



ϕ From eye obs.

NOTES.

The weather was fine and very pleasant.

Prepared by C. M. Donough

Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 10, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	61	58	55	55	55	50	50	53	56	57
State of weather: Nature of precipitation and time of beginning and ending								RAIE 7:15	9:00			
Amounts of precipitation								T	T			
Cloudiness and other conditions						L						

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	61	61	60	60	58	57	55	54	53	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							

Sunrise: Time, 5:16; Character, Cloudy. Moonrise: 10:19 am.

Sunset: Time, 5:59; Character, Cloudy. Moonset: 8:15 pm.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	0.7
Wind direction	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	4	6	6	4	10	13	11	14	15	11	11	9

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.6	0.5	0.9	0	0	0						
Wind direction	NE	E	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	10	8	9	7	9	7	6	6	5	7	7	8

Maximum velocities (exceeding 24 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	56	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 3.1 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 24

Prevailing wind direction, NE Total wind, 208

Average hourly velocity, 8.7 Extreme velocity, 19

Maximum velocity, 18 Direction, NE

Time began, 7:50 a.m.

Reduced barometer, 30.43 7 a. m. 30.38 7, p. m.

River gage, 2.5 ft.

Relative humidity, 86 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1:38 pm (Local Mean Time.)

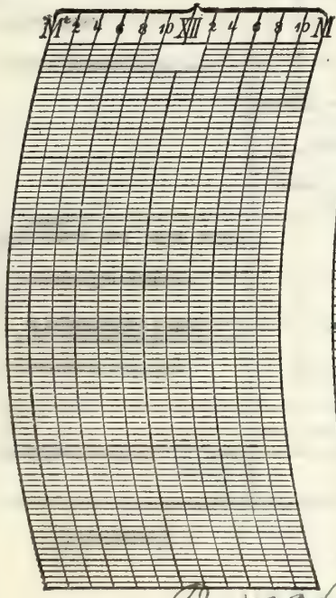
Dry temperature, 54.4 Wet temperature, 52.0

Dew-point, 48 R. humidity, 70 V. pressure, 33.4

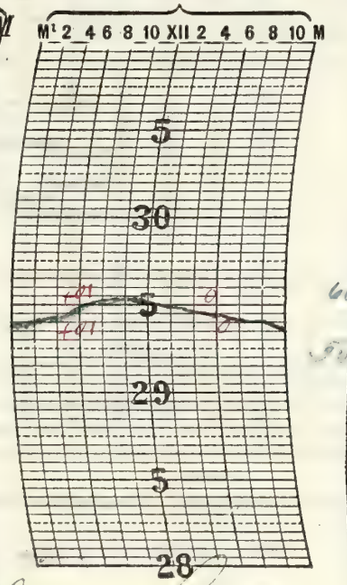
Clouds: Amount, 9; Kind, Strat; Direction, NE

Velocity of clouds (miles per hour)

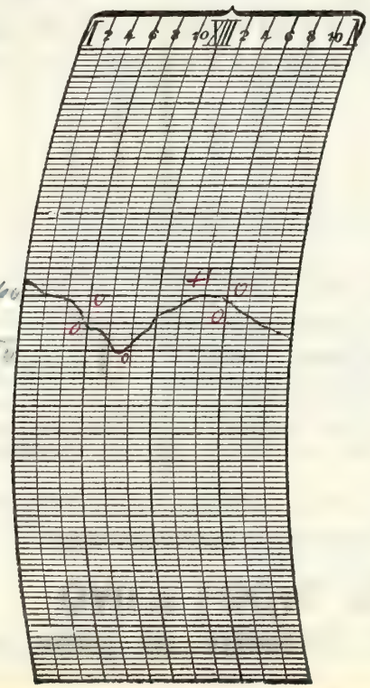
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and Cloudy, with drizzling rain from 7:15 am to 9:00 am.

Prepared by C. M. McDonough

Verified by C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 11, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	51	51	51	53	56	57	58	60	62
State of weather: Nature of precipitation and time of beginning and ending				RB P.M.	RE P.M.	RB 520	–	–	–	–	–	–
Amounts of precipitation				T	T	.01	.02	.14	.07	.10	.05	.01
Cloudiness and other conditions				1						–	Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	NE	E	E	NE	NE	S	S	S	S
Wind movement	5	5	6	4	4	5	1	3	5	9	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	62	64	65	65	65	64	64	61	60	61	62
State of weather: Nature of precipitation and time of beginning and ending	TE 210 RB 245	RE 155		RB 340	RE 415			RB 703	–	–	–	RE 1150
Amounts of precipitation	.01	.04		.01	T			.11	T	.56	.01	.02
Cloudiness and other conditions						Pt. Cldy	Cloudy					
Sunshine (in tenths of hours)	0	0	0.2	0.2	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	16	13	12	15	10	10	8	12	5	14	8	8

Sunrise: Time, 5:17 Character, Cloudy

Moonrise: — — —

Sunset: Time, 5:07 Character, Cloudy

Moonset: 8:54 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 703 p	1150 p	.70	908 p	922 p	.12	.17	.32	.42											

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	51	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .44 ins.

Total precipitation, midnight to midnight, 1.16 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 0.4 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 3

Prevailing wind direction, S Total wind 197

Average hourly velocity, 8.2 Extreme velocity, 19

Maximum velocity, 18 Direction, S

Time began, 12:28 P.M.

Reduced barometer, 30.16 7 a. m. 29.88 7 p. m.

River gage, 23.4

Relative humidity, 90 7 a. m. 82 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1:38 p.m.
(Local Mean Time.)

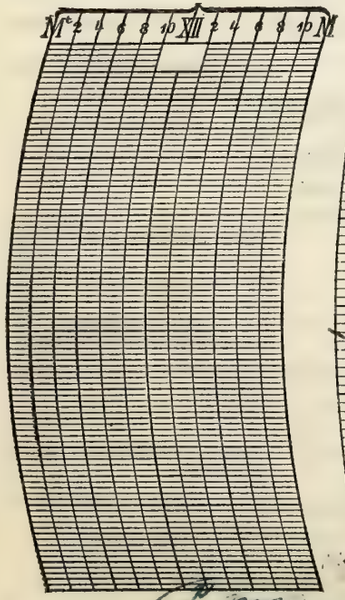
Dry temperature, 62.2 Wet temperature, 60.0

Dew-point, 59 R. humidity, 88 V. pressure, .499

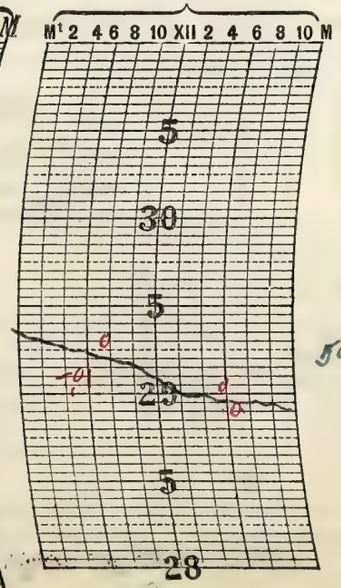
Clouds: Amount, 10; Kind, Strat.; Direction, S.W.

Velocity of clouds (miles per hour)

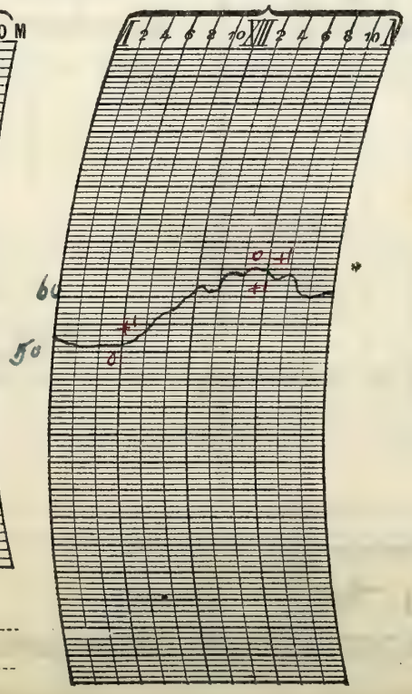
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool with rain. A moderate thunderstorm, seen at intervals, prevailed from 7.03 pm until 11.50 pm. Lightning caused several fires and considerable damage resulted therefrom.

Prepared by C. McDonough

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 12, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	56	55	56	60	55	66	66	56
State of weather: Nature of precipitation and time of beginning and ending										RB 910	RE 1005	
Amounts of precipitation										.08	T	
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 5:19; Character, Cloudy												
Moonrise: 12:13 P.M.												
Sunshine (in tenths of hours)						0	0	0.8	0.8	0.1	0.2	0.4
Wind direction	W	N	N	N	NW	NW	W	W	SW	SW	NW	NW
Wind movement	5	7	5	5	4	2	4	3	6	11	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57	57	55	53	53	51	50	49	49	49	48
State of weather: Nature of precipitation and time of beginning and ending	RB 1205 RE 1235	RB AVO RE 120			RB 417	–	RE 625					
Amounts of precipitation	.01	T			.01	.02	T					
Cloudiness and other conditions		Cloudy							Pt Cldy	Clear		
Sunset: Time, 5:06; Character, Cloudy												
Moonset: 9:40 P.M.												
Sunshine (in tenths of hours)	0.3	0	0	0	0	0						
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	12	14	17	14	12	10	11	11	11	9	7

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	48	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .70 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.6 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 21

Prevailing wind direction, W Total wind 368

Average hourly velocity, 8.7 Extreme velocity, 20

Maximum velocity, 19 Direction, SW

Time began, 9:14 am

Reduced barometer, 29.81 7 a. m. 29.91 7, p. m.

River gage, 2.3 ft

Relative humidity, 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 7:38 PM
(Local Mean Time.)

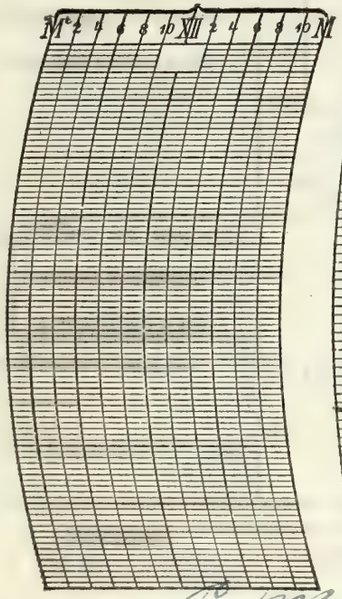
Dry temperature, 56.7 Wet temperature, 53.2

Dew-point, 51 R. humidity, 82 V. pressure, .373

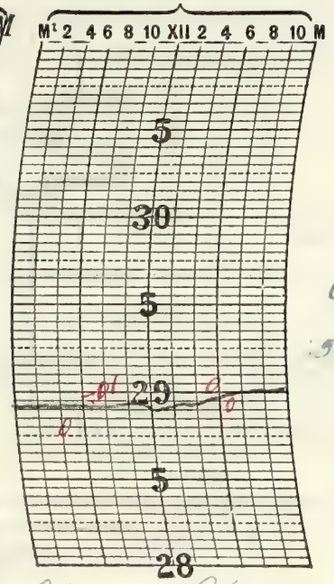
Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

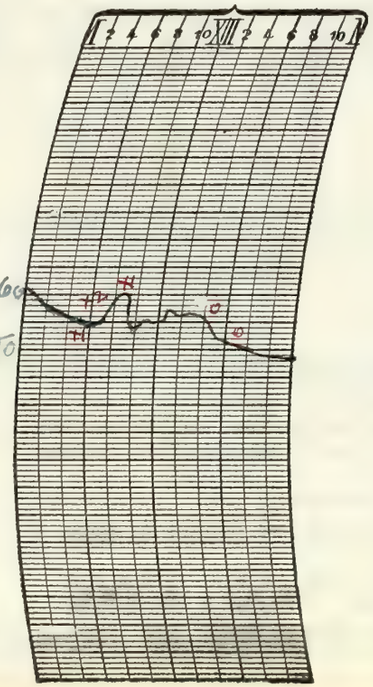
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was unseasonably cool with frequent showers

Prepared by Jas. McDonough

Verified by Jas. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 13, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	51	50	49	47	47	48	53	56	58	58	59	62	64	65	66	65	63	61	59	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear	—		Pt. Cldy		Cloudy			Cloudy		Pt. Cldy		Clear							
Sunshine (in tenths of hours)						6.7 0	0.7 0.3	1.0	0.7	0.6	0	0.5	1.0	1.0	1.0	1.0	1.0	0.6 0						
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	6	7	8	7	7	7	8	8	11	13	14	13	13	10	12	11	10	6	5	6	5	5	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5.20 Character, Clear
Moonrise: 1.06 P.M.
Sunset: Time, 5.54 Character, Cloudy
Moonset: 10.34 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

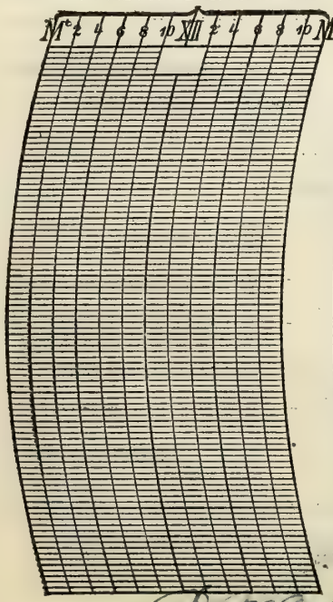
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., — ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, — inches.
Character of day, Pt. Cloudy Moon phase, First quarter
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 80
Prevailing wind direction, SW Total wind 200
Average hourly velocity, 8.3 Extreme velocity, 16
Maximum velocity, 16 Direction, W
Time began, 10.42 a.m.
Reduced barometer, 30.00 7 a. m. 29.99 7 p. m.
River gage, 23.4
Relative humidity, 84 7 a. m. 65 7 p. m.

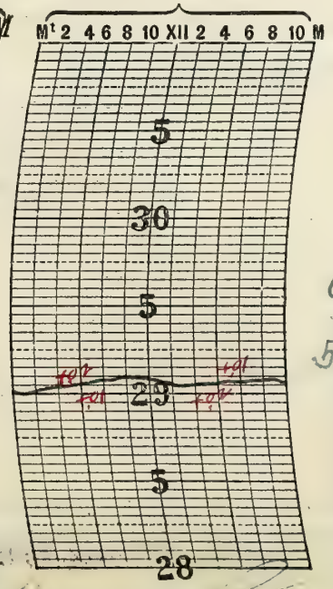
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 52.0
Dew-point, 45 R. humidity, 58 V. pressure, .298
Clouds: Amount, 8; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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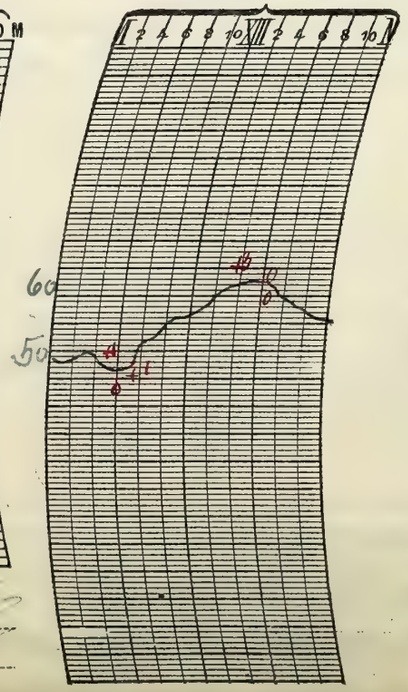


Prepared by C. M. Donovan
Verified by C. M. Donovan

8—486

× Partly interpolated as clock is defective (from 8 to 1.30 pm)

NOTES.

Heavy dew in the a.m.
The day opened and closed clear, but there was considerable cloudiness during the day. Moonlight during the evening. As a rule the day was unpleasantly cool.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 14, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	53	53	52	52	54	59	62	67	69	72	76	77	78	77	76	73	72	70	70	68	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				← Clear			7 ← Pt. Cldy			7 ←	— Clear				—	X Cloudy					→			
Sunshine (in tenths of hours)						.65 0	.08 0	01	06	08	10	10	10	10	10	04	0	0						
Wind direction	S	S	S	S	S	S	S	S	SW	S	SW	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	5	4	5	6	4	6	6	7	6	5	7	9	8	11	11	10	8	6	7	6	6	6	7	9
Maximum velocities (exceeding 44 miles) direction and time																								

Sunrise: Time, 5:21 Character, Clear
Moonrise: 1:54 P.M.
Sunset: Time, 5:52 Character, Cloudy
Moonset: 11:33 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

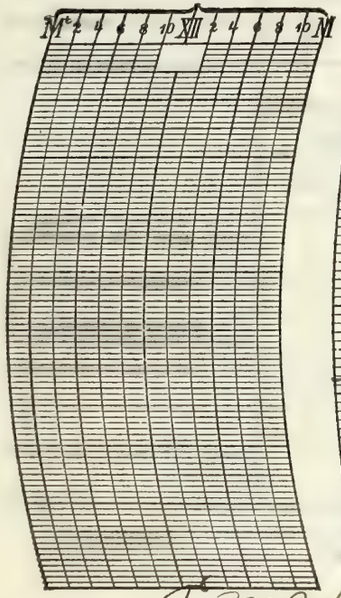
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	52	65	

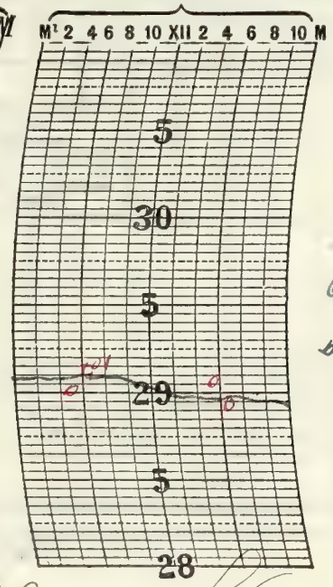
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.4 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 75
Prevailing wind direction, S Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 2:21 P.M.
Reduced barometer, 29.01 7 a. m., 29.88 7, p. m.
River gage, 2.34
Relative humidity, 80 7 a. m. 80 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 74.0 Wet temperature, 63.5
Dew-point, 57 R. humidity, 56 V. pressure, .465
Clouds: Amount, 1; Kind, Cu. St.; Direction, W
Velocity of clouds (miles per hour)

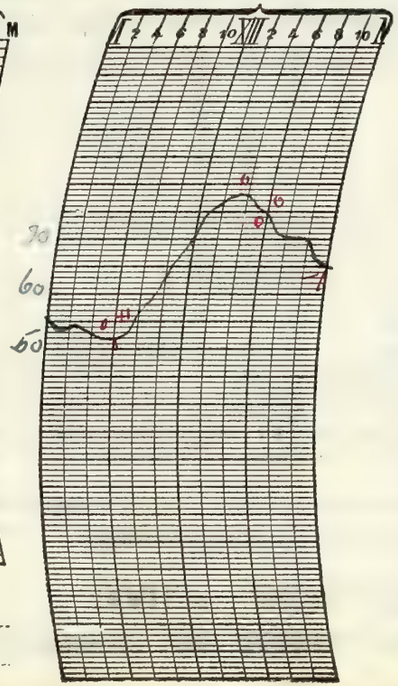
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew in the A.M.
A fine and pleasant day.

Prepared by C. M. McDonough
Verified by C. M. McDonough

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 15, 1918

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	64	65	65	67	67	68	70	70	69	67
State of weather: Nature of precipitation and time of beginning and ending												RB 1142
Amounts of precipitation												T
Cloudiness and other conditions					2						0	10
Sunshine (in tenths of hours)						0	0	0.3	0.4	0	0	0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	13	15	14	12	10	11	12	16	15	13	13

Sunrise: Time, 5:21 Character, Cloudy
Moonrise: 2:38 P.M.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	64	63	63	63			61	61	60	60	59
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	—	RR							
Amounts of precipitation	T	0.1	0.1	T	T							
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	W	NW	NW	W	NW	NE	NE
Wind movement	10	9	10	6	7	5	4	4	3	4	6	5

Sunset: Time, 5:51 Character, Cloudy
Moonset: — —

Maximum velocities (exceeding 24 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

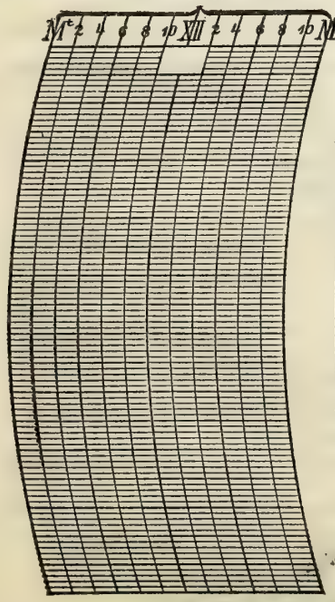
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	59	64.5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 0.7 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 6
Prevailing wind direction, SW Total wind 227
Average hourly velocity, 9.5 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 8:08 a.m.
Reduced barometer, 29.78 7 a. m. 29.88 7 p. m.
River gage, 2.35
Relative humidity, 83 7 a. m. 87 7 p. m.

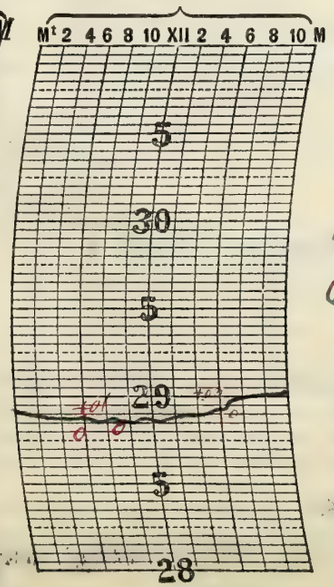
OBSERVATIONS AT ~~12 NOON.~~ 1:38 P.M.
(Local Mean Time.)

Dry temperature, 65.8 Wet temperature, 64.2
Dew-point, 64 R. humidity, 92 V. pressure, .595
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

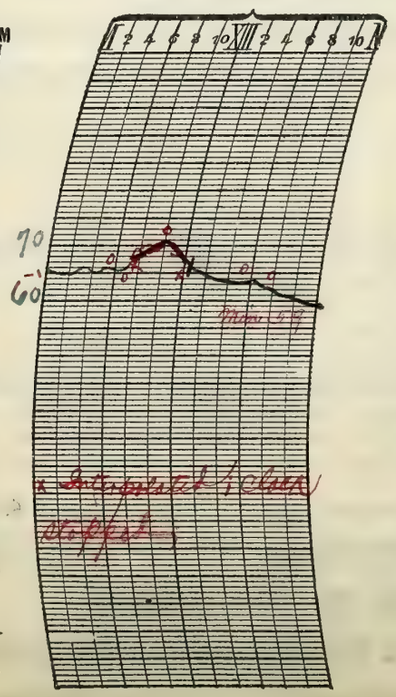
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moderate temperatures prevailed. The weather was cloudy, and a drizzle of rain continued from 11:42 a.m. until 4:10 p.m.

Prepared by P. McDonough
Verified by P. McDonough

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 16, 1918

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	57	56	56	56	55	55	55	54	53	53	50	51	51	51	51	50	49	48	48	47	46	46
State of weather: Nature of precipitation and time of beginning and ending								RE 720	–	–	–	–	–	–	–	–	–	–	–	RE 730				
Amounts of precipitation								T	T	.01	.01	.01	.13	.17	.04	.04	.02	.05	T	T				
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 5:22 Character, Cloudy

Moonrise: 3:18 P.M.

Sunset: Time, 5:49 Character, Cloudy

Moonset: 12:40 A.M.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	N	NE	N	N	N	NW	NW
Wind movement	6	6	7	7	7	7	7	9	10	12	10	11	12	9	13	9	10	8	7	5	5	4	4	4
Maximum velocities (exceeding 7 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	46	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ins.; to 7 p. m., .48 ins.

Total precipitation, midnight to midnight, .48 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 189

Average hourly velocity, 7.9 Extreme velocity, 18

Maximum velocity, 15 Direction, NE

Time began, 2:25 P.M.

Reduced barometer, 29.07 7 a. m. 30.02 7, p. m.

River gage, 2.3 ft

Relative humidity, 7 a. m. 96 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:35 P.M.
(Local Mean Time.)

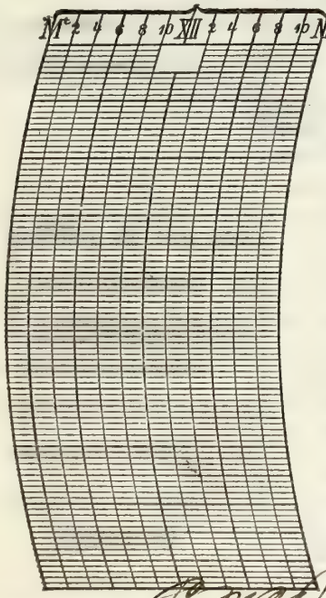
Dry temperature, 52.7 Wet temperature, 51.7

Dew-point, 51 R. humidity, 97 V. pressure, .373

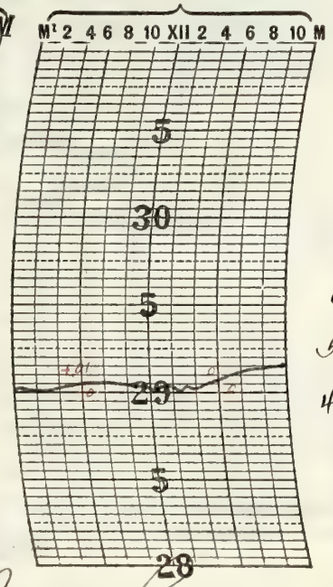
Clouds: Amount, 10; Kind, Nb; Direction, N

Velocity of clouds (miles per hour)

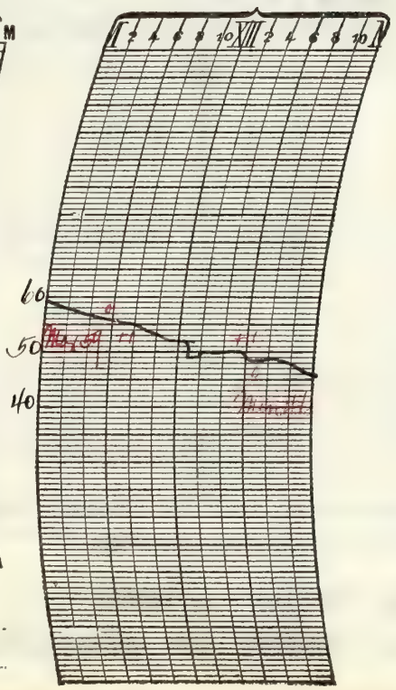
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. M. Horrough

Verified by J. M. Horrough

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NOTES.

A warning of light frost received at 8 P.M.

Cold, dismal day with rain from 7:20 a.m. to 7:30 p.m. The moon was visible through the clouds in the late night.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 17, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	46	46	[illegible]	52	55	57	58	62	62	62	63	62	61	[illegible]	58	57	56	54	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Pt. Cldy									Clear								Pt. Cloudy			
Sunshine (in tenths of hours)						0.40 0	0.7 0.3	0.4	1.0	0.7	0.3	0.5	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	NW	NE	SW	SW	S	SE	SW	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	3	3	2	3	2	3	3	2	3	3	3	4	4	5	7	6	4	3	2	4	5	6	6
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 5.53; Character, Cloudy. Moonrise: 3.53 PM

Sunset: Time, 5.47; Character, Cloudy. Moonset: 1.50 AM

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	45	54	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 74

Prevailing wind direction, SE Total wind 89

Average hourly velocity, 3.7 Extreme velocity, 8

Maximum velocity, 8 Direction, S

Time began, 11:48 pm

Reduced barometer, 30.20 7 a. m. 30.08 7 p. m.

River gage, 2.64

Relative humidity, 90 7 a. m. 62 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

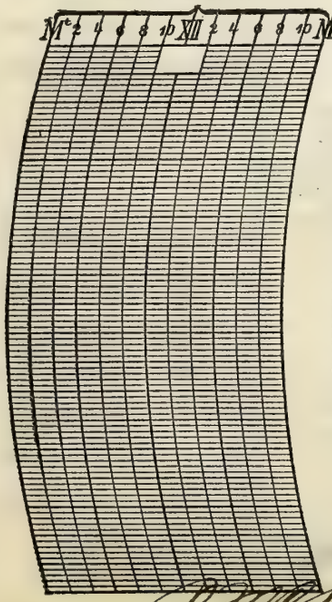
Dry temperature, 61.0 Wet temperature, 55.0

Dew-point, 51 R. humidity, 68 V. pressure, .373

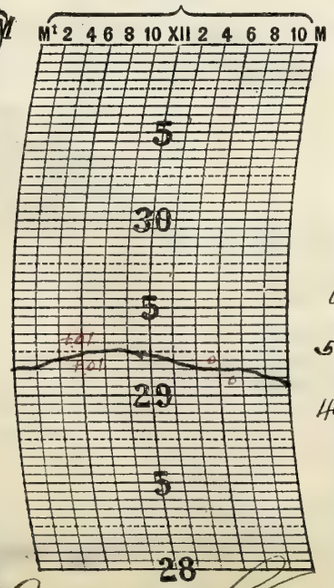
Clouds: Amount, 5; Kind, Cu.; Direction, S

Velocity of clouds (miles per hour)

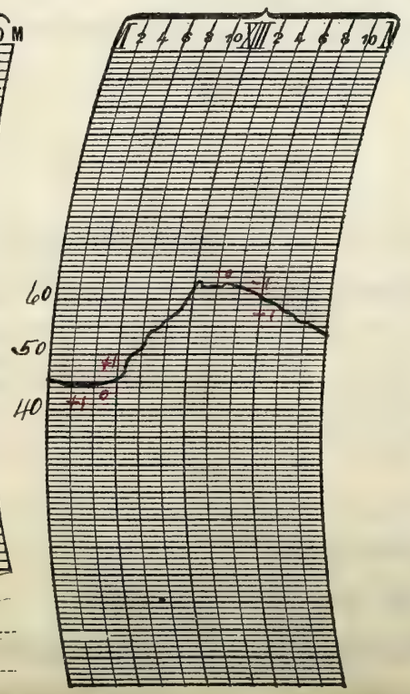
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The temperature was moderately low, but the day was fine. There was moonshine at intervals during the evening and night.

Prepared by P. McDonough

Verified by P. McDonough

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 18, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	50	50	50	51	53	56	58	62	62
State of weather: Nature of precipitation and time of beginning and ending									RB RoS RS RNS		RB 1136 RE 1146	
Amounts of precipitation									T			.02
Cloudiness and other conditions					Pt. Cldy				Cloudy			

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	57	53	53	52	50	47	45	44	44	42
State of weather: Nature of precipitation and time of beginning and ending		RB 102 RE 110										
Amounts of precipitation		T										
Cloudiness and other conditions		Pt. Cldy				Clear						

Sunrise: Time, 5:24 Character, Clear
Moonrise: 4:26 Cm.
Sunset: Time, 5:46 Character, Clear
Moonset: 3:02 am

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.2	1.0	1.0	0.8
Wind direction	S	S	S	S	S	S	S	SW	SW	S	S	SW
Wind movement	7	6	6	8	6	7	6	11	11	14	15	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	1.0	0.6	1.0	0.9	0	0.50 0.2						
Wind direction	SW	SW	SW	W	W	W	W	SW	SW	SW	W	SW
Wind movement	21	23	26	26	22	18	10	11	9	9	7	7

Maximum velocities (exceeding 20 miles) direction and time: 30 SW 2:11 | 33 SW 3:16 pm

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	42	52	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., ins.; to 7 p. m.; .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind 303
Average hourly velocity, 17.6 Extreme velocity, 35
Maximum velocity, 33 Direction, SW
Time began, 3:37 pm
Reduced barometer, 29.86 7 a. m. 29.88 7 p. m.
River gage, 3.7 ft
Relative humidity, 88 7 a. m. 64 7 p. m.

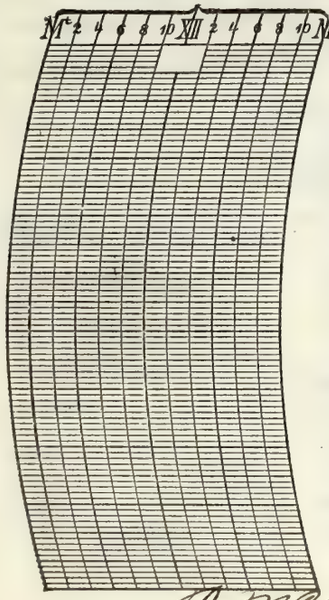
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

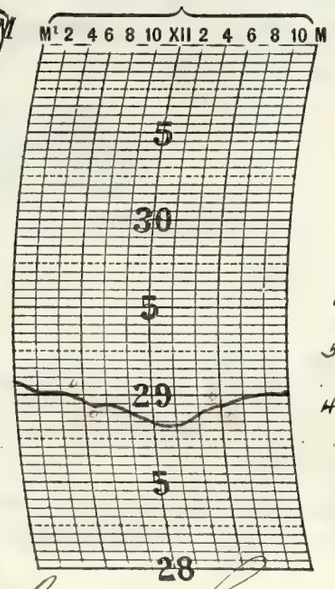
OBSERVATIONS AT 12 ~~NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 56.4
Dew-point, 53 R. humidity, 71 V. pressure, .402
Clouds: Amount, 8; Kind, Ci.; Direction, SW
Velocity of clouds (miles per hour)

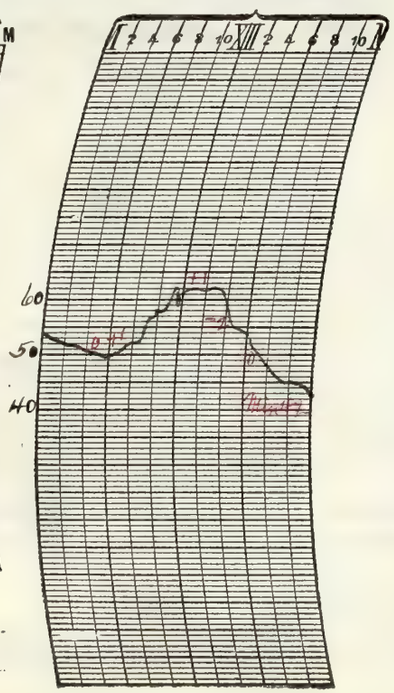
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was mostly partly cloudy with showers, the night was clear with moonlight. Unpleasantly cool, the temperature falling sharply after 5 pm.

Prepared by J. M. McDonough
Verified by J. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ~~Fort Wayne, Ind.~~, (Day of week) Thursday, (Date) September 19, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	42	43	45	46	46	46	46	47	47
State of weather: Nature of precipitation and time of beginning and ending						RB 602		RE 830				RB 11.10
Amounts of precipitation							.01	.01	T			T
Cloudiness and other conditions						←			Cl			oudy →
Sunrise: Time, 5.26 Character, Cloudy												
Moonrise: 4.58 P.M.												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	SW	SW	S	S	S	SW	S	S	SW	SW	SW
Wind movement	7	5	5	8	8	7	7	8	11	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	48	48	47	47	45	45	44	43	43	43
State of weather: Nature of precipitation and time of beginning and ending						RE 4.26						
Amounts of precipitation	T	T	T	T	T	T						
Cloudiness and other conditions												
Sunset: Time, 5.44 Character, Cloudy												
Moonset: 4.17 A.M.												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	S	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	8	9	10	7	6	5	8	8	7	7	8	8

Maximum velocity, 13 Direction, S

Time began, 2:01 p.m.

Reduced barometer, 29.99 7 a. m. 30.03 7 p. m.

River gage, 31 ft.

Relative humidity, 79 7 a. m. 80 7 p. m.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	41	44	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.3

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind 190

Average hourly velocity, 7.9 Extreme velocity, 14

Maximum velocity, 13 Direction, S

Time began, 2:01 p.m.

Reduced barometer, 29.99 7 a. m. 30.03 7 p. m.

River gage, 31 ft.

Relative humidity, 79 7 a. m. 80 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 2:38 P.M.
(Local Mean Time.)

Dry temperature, 48.0 Wet temperature, 45.0

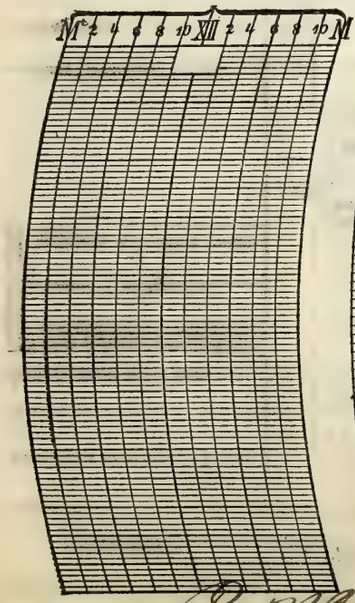
Dew-point, 42 R. humidity, 80 V. pressure, .266

Clouds: Amount, 10; Kind, Nb; Direction, SW

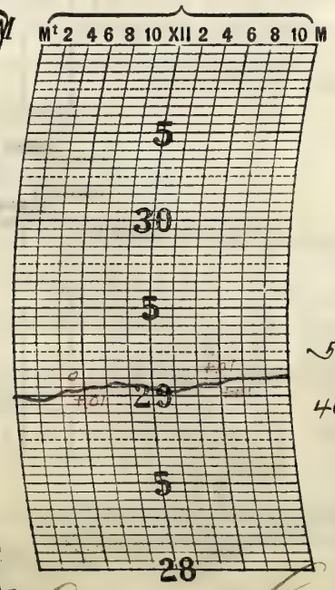
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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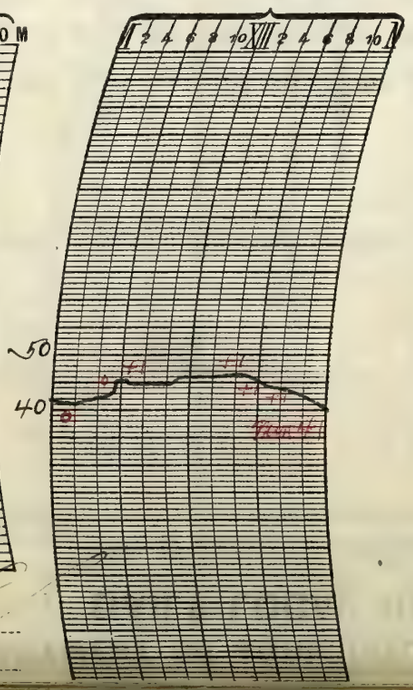


Prepared by P. McDonough

Verified by P. McDonough

NOTES.

A light frost occurred in the early morning; no damage.
The weather was unseasonably cold throughout the day with intermittent drizzles. Clear at night with bright moonlight.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 20, 1918

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	38	37	38	40	44	46	47	49	51	52	52	52	52	53	52	51	50	49	48	46	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Cloudy											
Sunrise: Time, 5:27 Character, Cloudy																					Sunset: Time, 5:42 Character, Cloudy			
Moonrise: 5:30 P.m.																					Moonset: 5:32 a.m.			
Sunshine (in tenths of hours)						∅ 0.3	∅ 1.0	0.7	0.1	0.9	* 0.9	* 0.6	* 0.6	* 0.2	* 0.3	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	8	8	6	6	6	7	8	10	12	12	14	10	14	12	13	8	7	7	8	11	12	14	10	7
Maximum velocities (exceeding 99 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	37	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, Full moon
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.6 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 46
Prevailing wind direction, W Total wind 230
Average hourly velocity, 9.6 Extreme velocity, 19
Maximum velocity, 16 Direction, W
Time began, 10:37 a. m.
Reduced barometer, 30.12, 7 a. m. 30.22, 7, p. m.
River gage, 2.6 ft
Relative humidity, 82 7 a. m. 69 7 p. m.

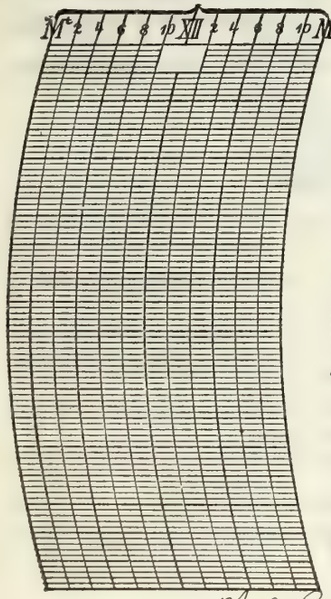
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

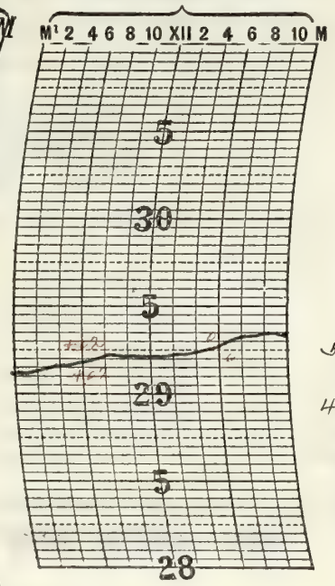
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 50.5 Wet temperature, 41.0
Dew-point, 28 R. humidity, 42 V. pressure, 15.0
Clouds: Amount, 9; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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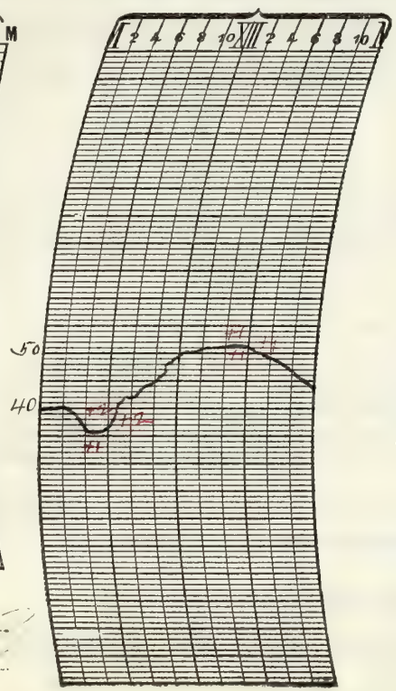


Prepared by H. S. Baker
Verified by P. McDonough

8—486

NOTES.

∅ From eye obs. * Sun shining through thin cloud.

Light frost in the a. m., no damage.
Cold and unpleasant weather
Frost warning received 9:10 a.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 21, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	42	43	44	44	45	47	49	50	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy					Pt	
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	1.0	1.0
Wind direction	N	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	4	6	4	5	6	8	8	8	11	10	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	52	51	50	49	48	46	45	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy						Pt Cldy					
Sunshine (in tenths of hours)	1.0	0.9	0.2	0.5	0.6	0.2						
Wind direction	NW	NW	NW	NW	W	W	W	W	NW	W	W	SW
Wind movement	13	11	8	8	8	7	6	5	4	3	2	5

Sunrise: Time, 5:27; Character, Cloudy. Moonrise: 6:05 a.m.

Sunset: Time, 5:41; Character, Cloudy. Moonset: 6:40 a.m.

Maximum velocities (exceeding ..... miles) direction and time.

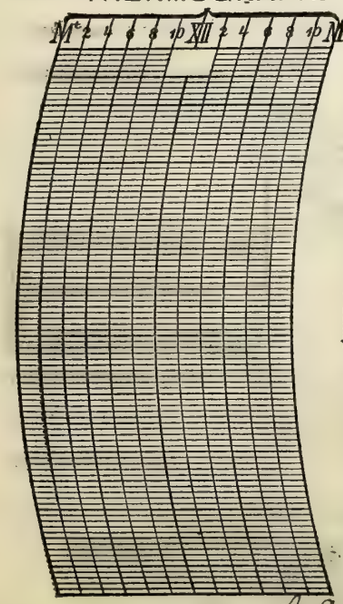
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 59
Prevailing wind direction, W Total wind 173
Average hourly velocity, 7.2 Extreme velocity, 17
Maximum velocity, 15 Direction, NW
Time began, 12:07 p.m.
Reduced barometer, 30.31 7 a. m. 30.38 7 p. m.
River gage, 2.7 ft
Relative humidity, 80 7 a. m. 73 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 p.m.
(Local Mean Time.)
Dry temperature, 51.5 Wet temperature, 43.8
Dew-point, 30 R. humidity, 63 V. pressure, 20.3
Clouds: Amount, 7; Kind, Strat; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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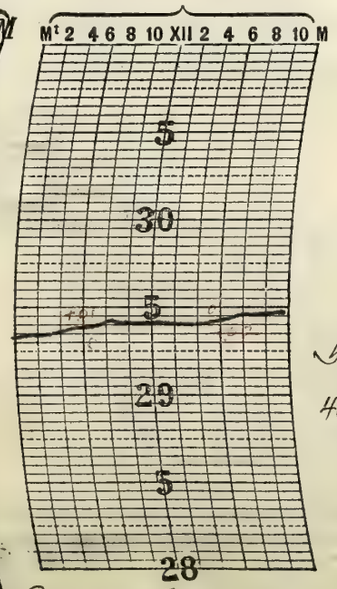

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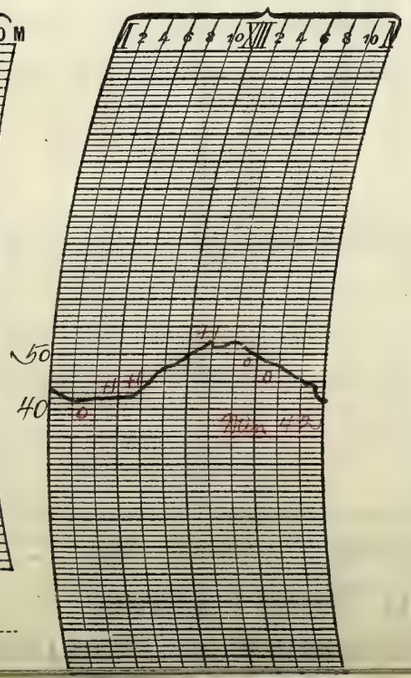


NOTES.

Cold and Mostly Cloudy, but late night Clear with moonlight.

Prepared by A. S. Baker

Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 22, 1918

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	39	39	38	37	39	45	49	53	55	56	59	61	62	62	60	59	57	55	53	52	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear															→
Sunshine (in tenths of hours)						e .53 c	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	× 0.3						
Wind direction	W	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	2	3	2	2	2	4	3	6	7	8	8	7	8	8	8	8	7	4	4	6	5	4	6	8
Maximum velocities (exceeding ___ miles) direction and time																								

State of weather: Sunrise: Time, 5.28; Character, Clear. Moonrise: 6.44 P.M.

Sunset: Time, ∅ 5.39; Character, Cloudy. Moonset: 8.07 A.M.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	36	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 11.8 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 97

Prevailing wind direction, SW Total wind 130

Average hourly velocity, 5.4 Extreme velocity, 11

Maximum velocity, 11 Direction, SW

Time began, 2.50 p.m.

Reduced barometer, 30.47 7 a. m. 30.35 7 p. m.

River gage, 2.54

Relative humidity, 88 7 a. m. 53 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12.38 P.M. (Local Mean Time.)

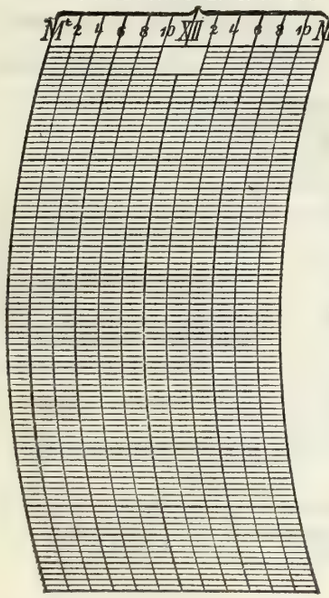
Dry temperature, 57.3 Wet temperature, 45.3

Dew-point, 31 R. humidity, 37 V. pressure, .172

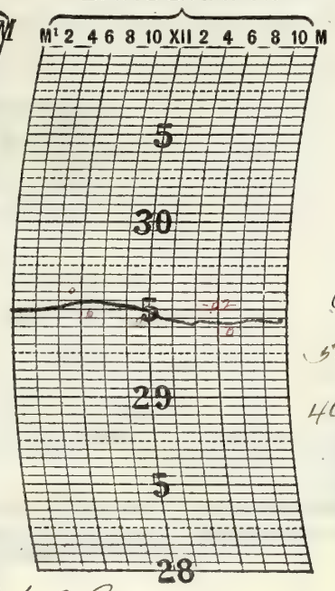
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

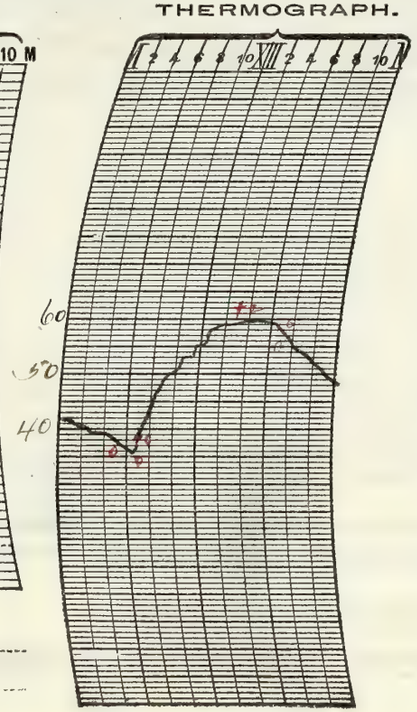
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



∅ Sunset obscured by small bank of St. Clouds.
× from sky obs.

NOTES.

Clear skies fine weather but cool; moonlight at night.
Light frost in the air, no damage.

Prepared by N. S. Baker

Verified by D. McGillivray

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 23, 1918

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	45	44	44	43	44	46	52	57	60	64	66	67	67	67	66	65	62	60	58	56	56	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)						0.53 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	6	7	7	7	6	7	8	10	11	12	11	11	12	11	11	8	6	6	4	6	5	6	7
Maximum velocities (exceeding 99 miles) direction and time																								

Sunrise: Time, 5:29; Character, Clear. Moonrise: 7:27 PM.

Sunset: Time, 5:37; Character, Cloudy. Moonset: 9:22 am.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	43	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.3 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 93

Prevailing wind direction, SW Total wind 190

Average hourly velocity, 7.9 Extreme velocity, 16

Maximum velocity, 14 Direction, SW.

Time began, 12:35 pm.

Reduced barometer, 30.36, 7 a. m. 30.21, 7 p. m.

River gage, 2.4 ft.

Relative humidity, 78, 7 a. m. 57, 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 2:38 pm.
(Local Mean Time.)

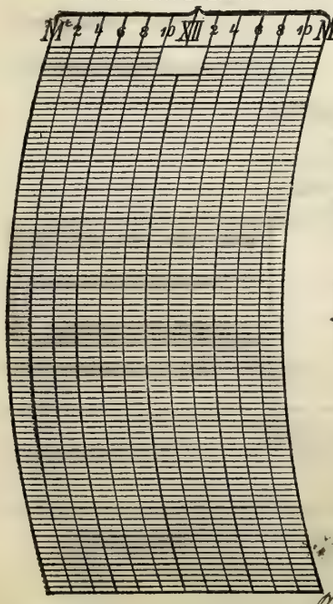
Dry temperature, 64.0 Wet temperature, 54.0

Dew-point, 46 R. humidity, 52 V. pressure, .310

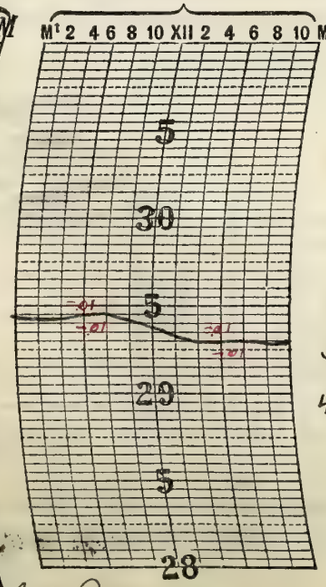
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

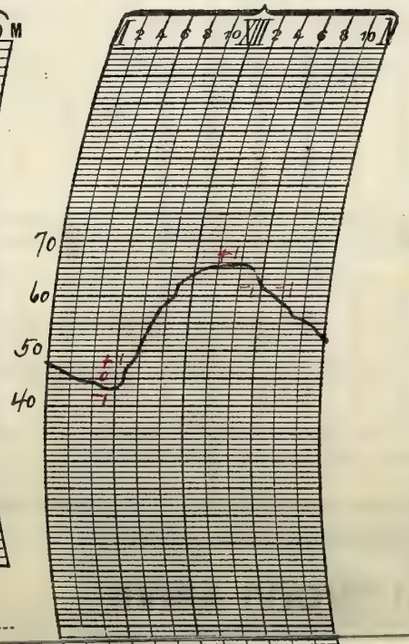
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The autumnal equinox commences at 2:46 pm

Clear skies with moderate temperature. Moonlight at night

Prepared by H. S. Boker

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 24, 1918

Time (local standard) 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	50	50	50	50	54	62	65	67	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy →					← Pt.	
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	W	S
Wind movement	6	6	6	7	6	5	5	7	5	3	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	68	66	65	63	55	53	52	52	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy →		← Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	S	S	S	S	S	S	S	SE	E	E	E	E
Wind movement	5	7	8	7	3	3	2	5	8	6	7	5

Sunrise: Time, 5:30; Character, Cloudy. Moonrise: 8:16 p.m.

Sunset: Time, 5:36; Character, Cloudy. Moonset: 10:34 am

Maximum velocities (exceeding 44 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

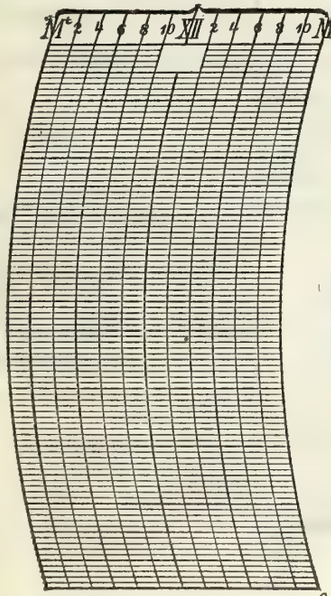
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	48	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 76
Prevailing wind direction, SW Total wind 130
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 2:30 pm.
Reduced barometer, 30.23 7 a. m., 30.12 7 p. m.
River gage, 22.2 ft.
Relative humidity, 79 7 a. m., 53 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 67.8 Wet temperature, 56.0
Dew-point, 47 R. humidity, 48 V. pressure, .322
Clouds: Amount, 7; Kind, Ast; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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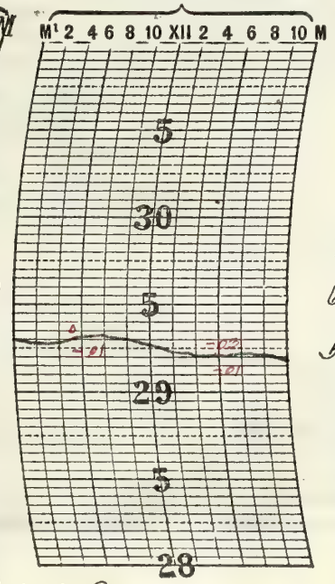

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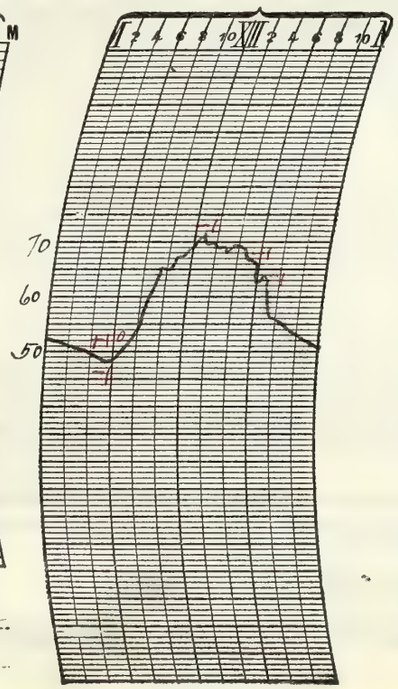


Prepared by H. S. Baker
Verified by J. McDonough

8—486

* Sunset obscured by bank of a stratus.

NOTES.

Partly Cloudy and Cool weather with Moonlight late at night. The day was very pleasant.
A solar halo of 22° radius was observed at 2:00 pm.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 25, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	49	49	49	50	53	57	64	66	71	70	69	68	67	65	64	62	59	58	55	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Dense fog		Lt. fog				Pt. Cloudy					Cloudy						

Sunrise: Time 5:31, Character Cloudy. Moonrise: 9:12 p.m.

Sunset: Time 5:34, Character Cloudy. Moonset: — — —

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0	0	0						
Wind direction	E	E	E	E	E	SE	SE	0	NE	NE	N	NW	N	NW	N	NW	NW	NW	N	N	N	N	N	N
Wind movement	4	3	3	1	1	1	1	•	5	3	3	3	4	7	7	7	5	5	6	5	9	9	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

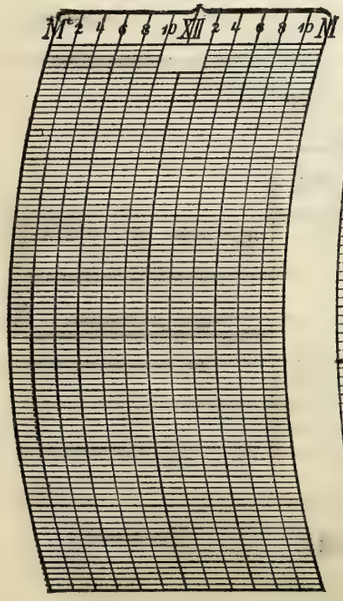
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	48	60	

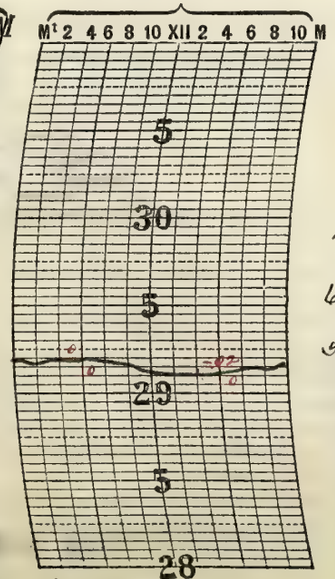
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 58
Prevailing wind direction, N Total wind 110
Average hourly velocity, 4.6 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 11:06 pm
Reduced barometer, 30.09 7 a. m. 30.04 7 p. m.
River gage, 2.7 ft.
Relative humidity, 88 7 a. m. 72 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm.
(Local Mean Time.)
Dry temperature, 69.3 Wet temperature, 59.3
Dew-point, 52 R. humidity, 55 V. pressure, .387
Clouds: Amount, 5; Kind, Ast; Direction, NW
Velocity of clouds (miles per hour)

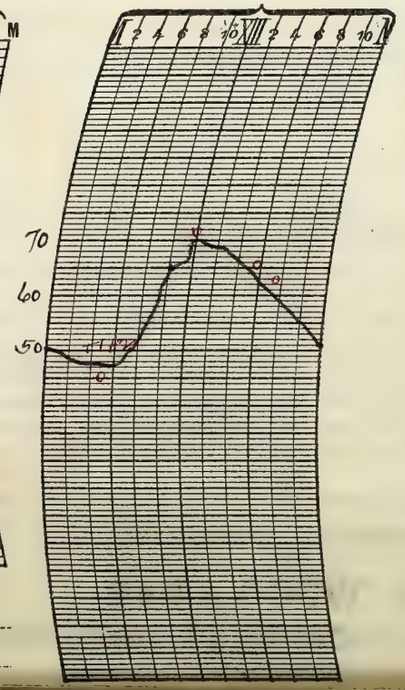
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense fog began 2.N. am., and ended 5:30 am.; light fog began at 5:30 am. and ended at 9:30 am. During the prevalence of the light fog the sky was visible, but from the ground up to an elevation of about 100 feet objects were obscured at a distance of about 1500 feet.

Moderate temperature prevailed and the day, as a rule, was fine.

Prepared by A. S. Baker

Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 26, 1918

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	47	45	43	41	41	41	44	45	49	50	52	54	54	55	54	54	52	50	48	47	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←				Clear										→				
Sunshine (in tenths of hours)						0.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2 0.7	0.53 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW
Wind movement	4	5	7	5	6	8	9	12	13	14	12	11	14	13	12	13	11	8	8	10	8	9	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:37 Character, Clear

Moonrise: 10:17 Pm.

Sunset: Time, 5:32 Character, Clear

Moonset: 12:36 Pm.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last quarter

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.8 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 98

Prevailing wind direction, N Total wind 212

Average hourly velocity, 9.3 Extreme velocity, 19

Maximum velocity, 17 Direction, NE

Time began, 7:52 am.

Reduced barometer, 30.21, 7 a. m. 30.25, 7 p. m.

River gage, 2.0 ft.

Relative humidity, 74 7 a. m. 67 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1:38 PM (Local Mean Time.)

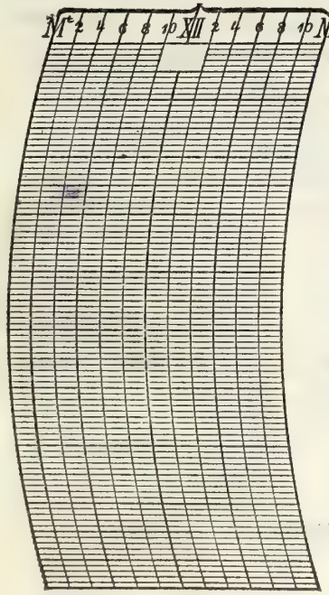
Dry temperature, 52.7 Wet temperature, 42.0

Dew-point, 28 R. humidity, 38 V. pressure, .150

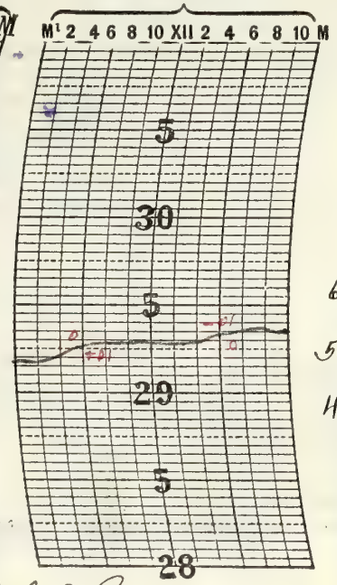
Clouds: Amount, 2; Kind, Ast; Direction, W

Velocity of clouds (miles per hour)

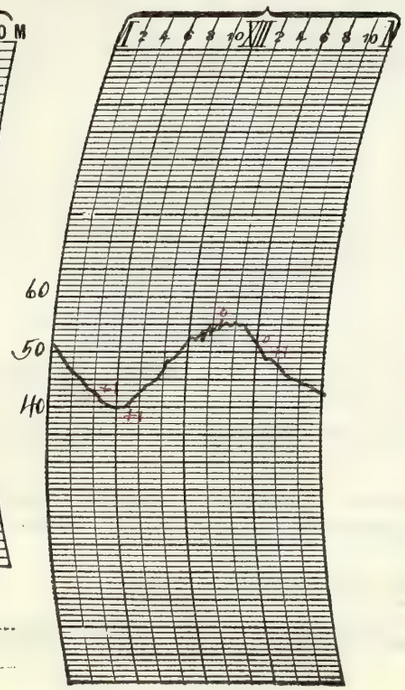
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and Cool, but pleasant.

Frost warning received at 8:04 pm

Prepared by N. S. Baker

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 27, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	40	40	39	41	48	52	55	59	61	64	66	66	65	62	59	56	54	53	51	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear													→
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.1						
Wind direction	NW	N	N	NW	NW	W	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	5	4	4	2	3	4	5	7	7	7	9	12	11	12	11	9	9	10	11	13	12	12
Maximum velocities (exceeding 44 miles) direction and time																								

Sunrise: Time, 5:05; Character, Clear. Moonrise: 11:14 P.m.

Sunset: Time, 5:30; Character, Clear. Moonset: 1:23 A.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	39	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 192

Average hourly velocity, 8.0 Extreme velocity, 16

Maximum velocity, 15 Direction, SW

Time began, 9:31 p.m.

Reduced barometer, 30.26 7 a. m. 30.09 7 p. m.

River gage, 3.1 ft.

Relative humidity, 80 7 a. m. 50 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

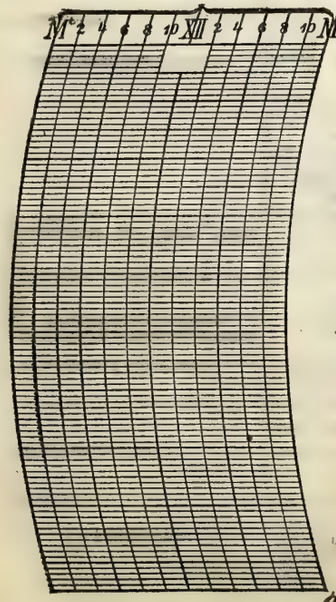
Dry temperature, 61.4 Wet temperature, 48.4

Dew-point, 34 R. humidity, 36 V. pressure, 1.95

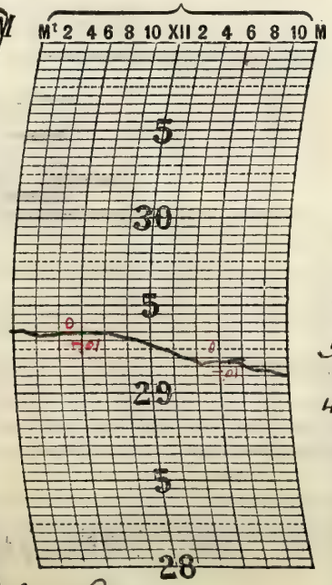
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

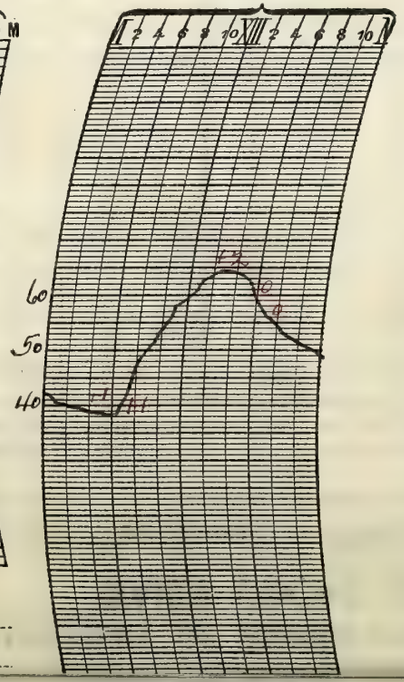
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost occurred in the air

The day was clear and fine.

Prepared by D. S. Baker

Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 28, 1918

Time (local standard) 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	49	48	48	50	56	62	66	69	71	72	74	75	75	74	68	65	63	61	60	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					→	(PtCloudy)	×	Clear				→	(PtCloudy)				
Sunshine (in tenths of hours)						0.47 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	N	N	N	NE	NE	NE
Wind movement	10	12	14	16	13	15	15	15	14	16	15	18	18	16	18	16	10	7	7	6	4	7	5	5

Sunrise: Time, 5:35 Character, Clear
Moonrise: ---
Sunset: Time, 5:29 Character, Cloudy
Moonset: 2:02 p.m.

Maximum velocities (exceeding 19 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

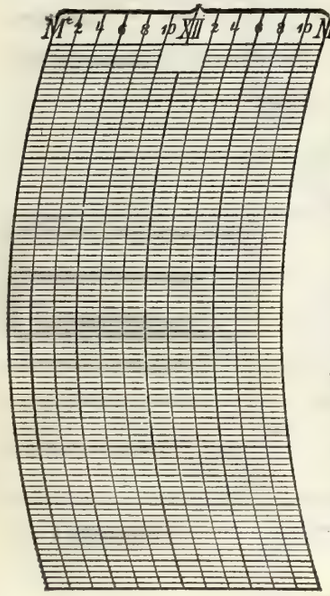
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	48	62	

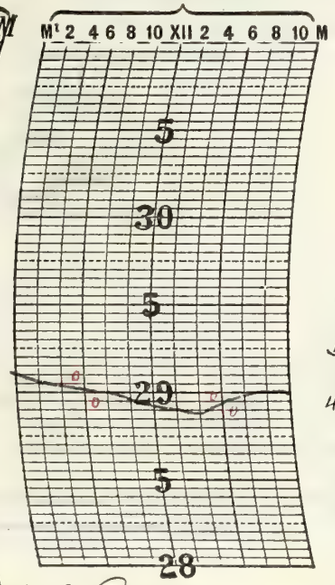
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.3 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind 292
Average hourly velocity, 12.2 Extreme velocity, 23
Maximum velocity, 22 Direction, S.W.
Time began, 12:04 p.m.
Reduced barometer, 29.93 7 a. m. 29.84 7 p. m.
River gage, 2.1 ft.
Relative humidity, 57 7 a. m. 54 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1:38 p.m.
(Local Mean Time.)
Dry temperature, 70.4 Wet temperature, 54.8
Dew-point, 42 R. humidity, 25 V. pressure, .266
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

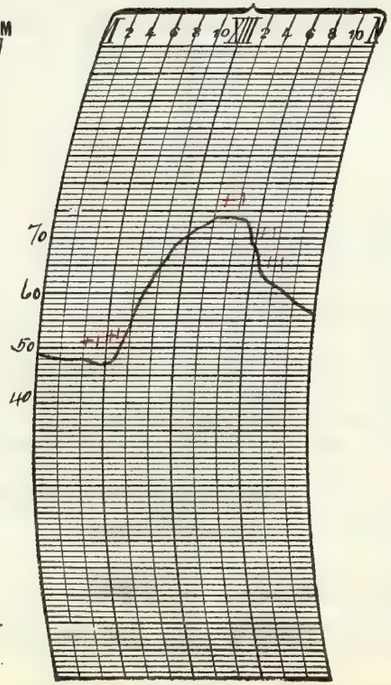
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Baker
Verified by C. M. Wainwright

8—486

NOTES.

Sunset observed by a small bank of stratus.

Clear and pleasant.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 29, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	52	50	48	47	46	46	52	58	59	62	64	65	67	67	65	64	61	59	57	56	55	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Clear								(Pt Cloudy)	Cloudy							
Sunshine (in tenths of hours)						0.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0						
Wind direction	NE	N	N	N	NE	N	NE	NE	NE	NW	NW	NW	NW	W	W	W	W	NW	N	N	N	NE	E	NE
Wind movement	6	5	4	4	3	3	4	4	2	4	6	8	7	9	8	8	5	7	9	5	4	3	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:26 Character, Clear
Moonrise: 12:17 am

Sunset: Time, 5:27 Character, Cloudy
Moonset: 2:36 pm

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	45	56	

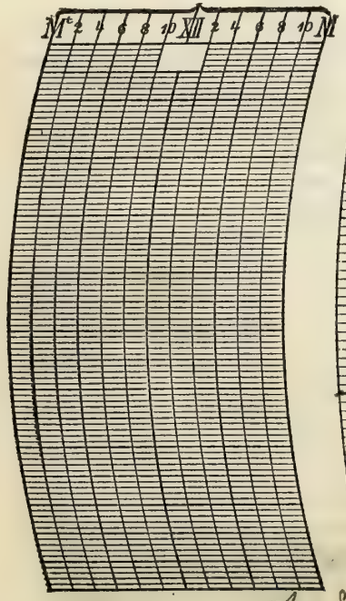
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 9.8 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 83
Prevailing wind direction, N-NE Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 6:13 pm
Reduced barometer, 30.02 7 a. m. 30.02 7 p. m.
River gage, 1.9 ft.
Relative humidity, 75 7 a. m. 62 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 63.0 Wet temperature, 49.6
Dew-point, 30 R. humidity, 34 V. pressure, .211
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

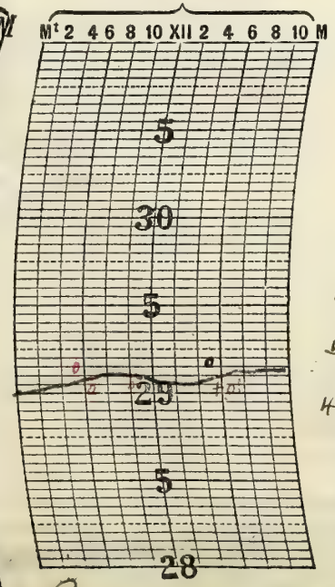
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

THERMOGRAPH.



BAROGRAPH.



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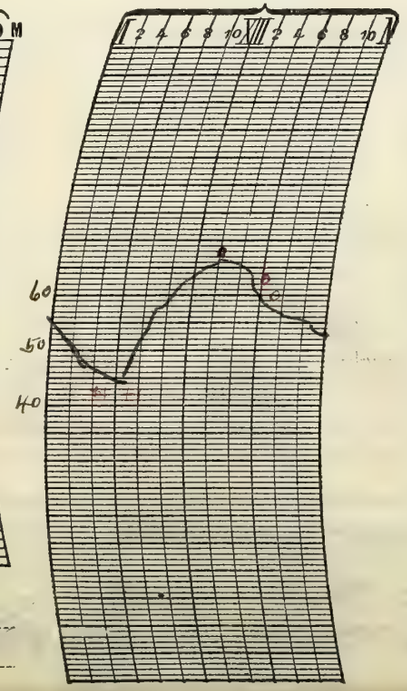


Prepared by F. S. Baker
Verified by C. M. Donnaghy

8—486

NOTES.

Clear skies during greater part of day, but cloudy in the late afternoon and night. Very pleasant.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 3, 1918

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	50	49	48	47	47	49	51	52	52	52
Nature of precipitation and time of beginning and ending										RR 9:10 XE 9:19		
Amounts of precipitation										T		
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)						0	0	0.1	0.4	0.9	0.1	0
Wind direction	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	5	6	8	8	8	7	11	11	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	53	53	53	52	49	47	45	44	43	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy			Clear				
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE
Wind movement	8	9	9	8	3	3	3	2	2	1	3	2

State of weather.

Sunrise: Time, 5:37; Character, Cloudy. Moonrise: 1:19 am

Sunset: Time, 5:25; Character, Cloudy. Moonset: 3:06 p.m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.5 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 13

Prevailing wind direction, NE Total wind 150

Average hourly velocity, 6.2 Extreme velocity, 14

Maximum velocity, 13 Direction, NE

Time began, 10:56 am

Reduced barometer, 30.13, 7 a. m. 30.33, 7, p. m.

River gage, 2.0 ft.

Relative humidity, 76, 7 a. m. 69, 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:35 pm (Local Mean Time.)

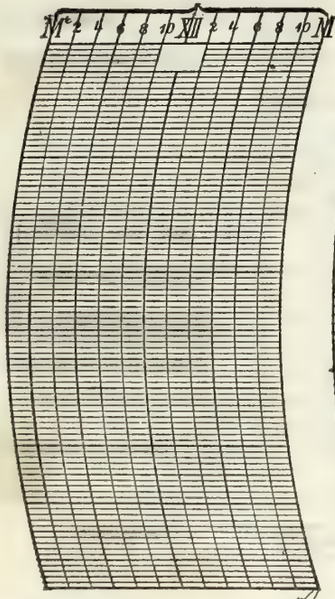
Dry temperature, 52.2 Wet temperature, 46.2

Dew-point, 40 R. humidity, 63 V. pressure, .247

Clouds: Amount, 2; Kind, St-Cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH.



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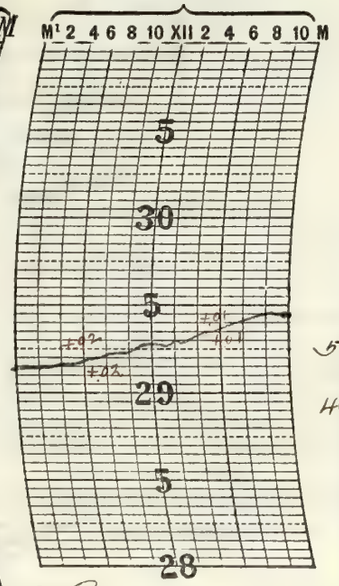
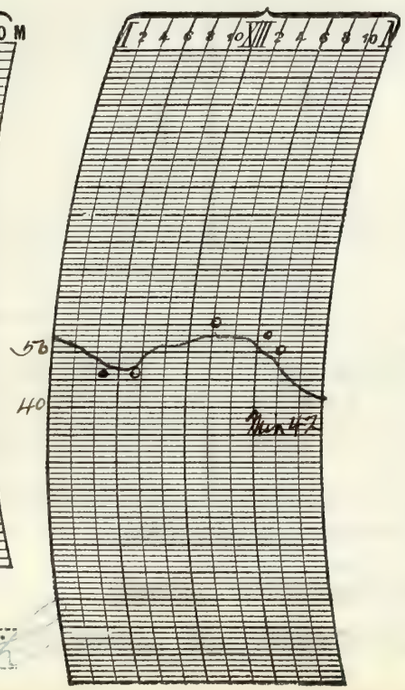


THERMOGRAPH.



NOTES.

Day Cloudy & Partly Cloudy; Night Mostly Clear. Quite Cool. Frost warning received at 5:05 pm.

Prepared by D. S. Baker

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) October 1, 1918

Time (local standard), 40th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	37	36	35	38	43	48	52	53	55	57	58	59	59	59	57	55	55	56	57	56	56
State of weather: Nature of precipitation and time of beginning and ending																	RA 4:02	—	—	RE 7:30				
Amounts of precipitation																	T	T	T	T				
Cloudiness and other conditions			←	x	fog			Clear				—	x	—	Cloudy									→

Sunrise: Time, 5:38 Character, Clear

Moonrise: 2:20 am

Sunset: Time, 5:23 Character, Cloudy

Moonset: 3:33 pm

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0.3 0	0.8 0.2	0.8	0.8	1.0	* 0.8	* 1.0	* 0.2	* 0.2	0	0	0	0						
Wind direction	NE	NE	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	2	2	3	1	1	1	2	3	4	7	9	7	7	6	5	4	3	4	6	5	7	6	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	35	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 6.2 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 53

Prevailing wind direction, SE Total wind 106

Average hourly velocity, 4.4 Extreme velocity, 11

Maximum velocity, 11 Direction, SE

Time began, 10:30 am

Reduced barometer, 30.42 7 a. m. 30.22 7 p. m.

River gage, 5.0 ft.

Relative humidity, 87 7 a. m. 60 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm.
(Local Mean Time.)

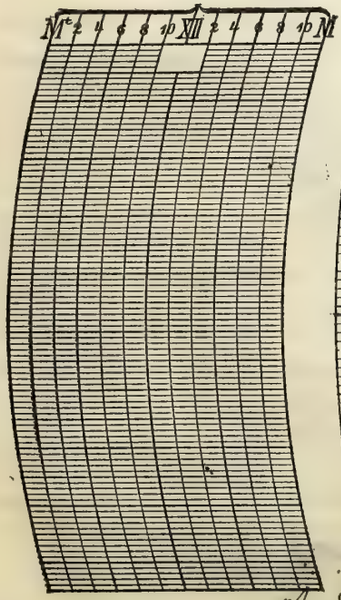
Dry temperature, 55.0 Wet temperature, 49.5

Dew-point, 45 R. humidity, 68 V. pressure, 2.98

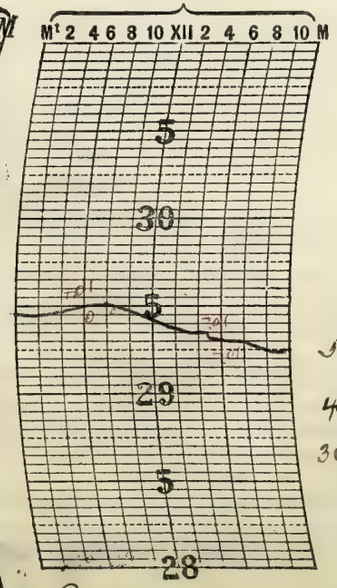
Clouds: Amount, 7; Kind, Strat; Direction, SE

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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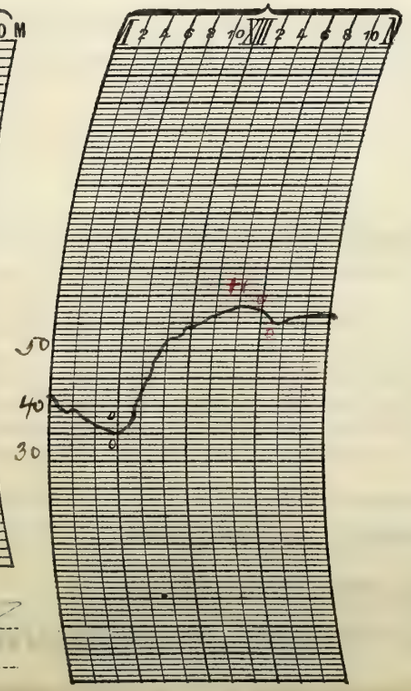


Prepared by H. S. Baker

Verified by C. M. Hennegh

8—486

* Sun shining through detached clouds.

NOTES.

Heavy frost in the A. M.

Light fog began during night of am. and ended at 7:30 am. The fog was quite dense near the ground.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 2 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	54	54	55	55	58	60	63	60	63	64	65	64	65	65	63	60	58	57	56	54	53
State of weather: Nature of precipitation and time of beginning and ending								RB 7:10 RE 7:15																
Amounts of precipitation								T																
Cloudiness and other conditions							P+Cloudy →						×Cloudy	×P+Cloudy			×Clear							
Sunshine (in tenths of hours)						0	0	0.1	0.3	0.5	0.8	0.4	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	W	W	W	NW	NW	W	W	W	NW	NW	N	NW	N
Wind movement	6	8	7	9	8	7	7	6	9	8	10	6	9	9	8	8	6	4	5	7	6	4	2	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:39; Character, Cloudy. Moonrise: 3:19 am

Sunset: Time, 5:22; Character, Clear. Moonset: 3:58 p.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

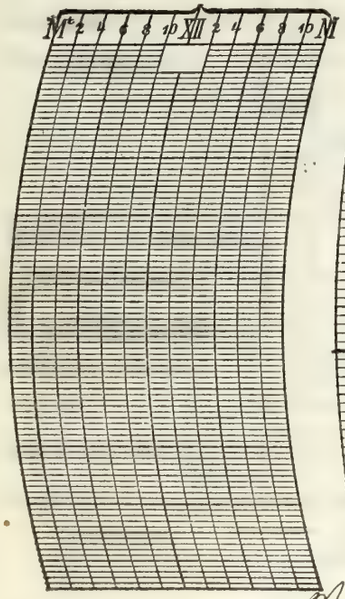
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	53	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, P+Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.5 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind 160
Average hourly velocity, 6.7 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 9:31 am
Reduced barometer, 30.16, 7 a. m. 30.19, 7 p. m.
River gage, 2.0 ft.
Relative humidity, 86, 7 a. m. 83 7 p. m.

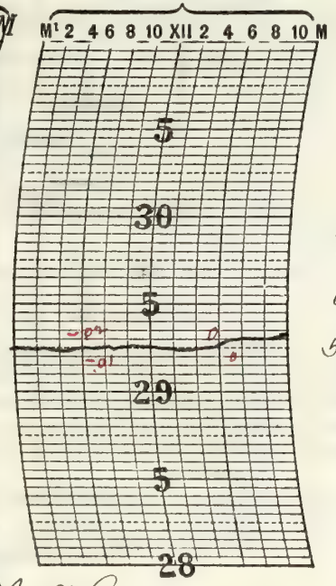
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 62.6 Wet temperature, 59.1
Dew-point, 57 R. humidity, 82 V. pressure, .465
Clouds: Amount, 10; Kind, a St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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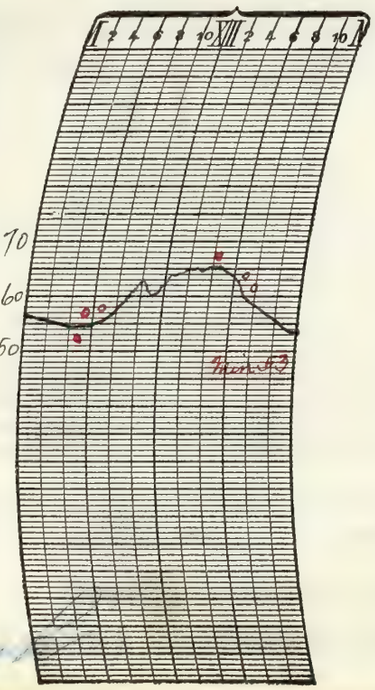


Prepared by W. S. Baker
Verified by C. M. Gardner

8—486

Ø Interpolated.
× For 24 hours.

NOTES. L Sunshine through a St+Cloud

There was considerable Cloudiness during much of the day but the weather was mostly Clear after 4:00 p.m.
Intermittent thunder was heard to the northwood from 9:30 am until 10 am.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	51	50	49	48	46	47	48	53	56	62	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Dense fog		Clear		Partly				
Sunshine (in tenths of hours)						0.33	1.0	0.2	0	0.5	1.0	1.0
Wind direction	N	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW
Wind movement	2	2	1	3	4	4	3	3	5	8	6	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	65	63	61	57	56	55	54	50	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	NW	NW	NW	N	N	NE	NE	O	N	N	NW	N
Wind movement	8	9	7	7	5	3	1	0	2	3	4	4
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 5:40; Character, Clear. Moonrise: 4:18 am

Sunset: Time, 5:20; Character, Clear. Moonset: 4:23 pm.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.4 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 80

Prevailing wind direction, NW Total wind 102

Average hourly velocity, 4.2 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 1:10 pm

Reduced barometer, 30.31 7 a. m. 30.35 7 p. m.

River gage, 2.0 ft

Relative humidity, 95 7 a. m. 61 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 p.m. (Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 53.2

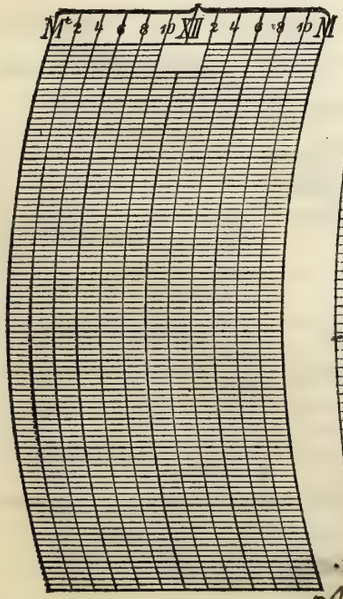
Dew-point, 45 R. humidity, 52 V. pressure, .298

Clouds: Amount, 1; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



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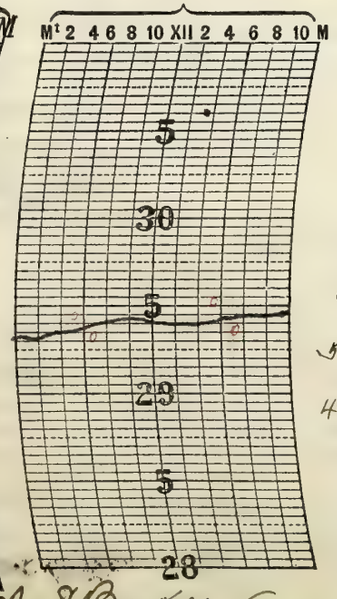

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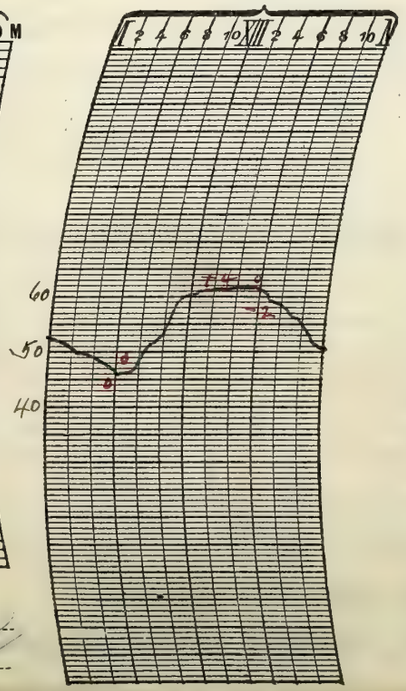


Prepared by H. S. Baker

Verified by F. M. Wonnegut

8—486

X From eye obs.

NOTES.

Dense fog began at 2a.m. and ended at 5:30 a.m. Light fog prevailed from 5:30 a.m. to 6:20 a.m. A frost warning was received at 8:40 a.m. Moderate temperature and mostly clear weather.

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 4 1918, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	46	46	46	44	46	49	55	59	64	69	73	75	76	76	75	72	70	67	65	65	65	64	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Light fog		Clear		Pt.			Cloudy									Cloudy				

Sunrise: Time, 5:41; Character, Cloudy. Moonrise: 5:17 am

Sunset: Time, 5:19; Character, Cloudy. Moonset: 4:47 pm

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	N	NE	NE	E	E	E	SE	SE	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	SW
Wind movement	3	2	1	3	1	2	3	5	5	7	10	14	14	18	19	18	12	12	11	14	12	14	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	44	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy. Moon phase, New Moon 9:05 pm

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.3. Possible sunshine, hours, 11.6

Per cent of possible sunshine, 80

Prevailing wind direction, S. Total wind 226

Average hourly velocity, 9.4. Extreme velocity, 25

Maximum velocity, 24. Direction, S.

Time began, 2:31 pm.

Reduced barometer, 30.36 7 a. m. 30.10 7 p. m.

River gage, 1.9 ft.

Relative humidity, 77 7 a. m. 34 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 PM (Local Mean Time.)

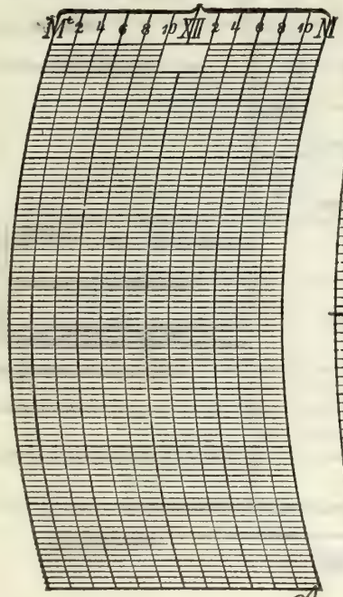
Dry temperature, 74.7. Wet temperature, 65.0

Dew-point, 60. R. humidity, 60. V. pressure, .517

Clouds: Amount, 4; Kind, a St.; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



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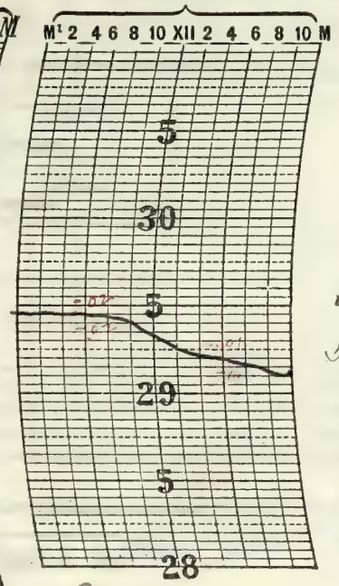

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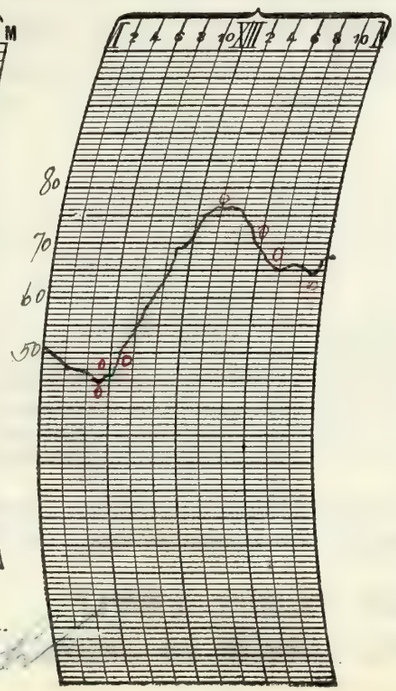


NOTES.

Sunrise obscured by small bank of a St. clouds.

Light fog began during the early morning and ended at 7:30 am

Partly Cloudy, pleasant day.

Prepared by A. S. Baker

Verified by M. E. Dunnigan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) OCT. 5 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	69	67	67	66	69	72	74	73	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←				10		
Sunshine (in tenths of hours)						0	0	0	+0.2	+1.0	+0.7	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	18	18	19	19	18	17	16	20	23	25	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	73	74	73	73	71	69	69	67	65	63
State of weather: Nature of precipitation and time of beginning and ending	RB 11:20 RE 11:35			RB 3:05 RE 3:20	RB 4:10 RE 4:20							
Amounts of precipitation	T			T	T							
Cloudiness and other conditions	Cloudy					→ Pc		Clear				
Sunshine (in tenths of hours)	+1.0	+0.4	+0.5	+0.1	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	17	13	12	13	13	11	12	10	10	9	9

Sunrise: Time, 5:42 Character, Cloudy
Moonrise: 6:15 am

Sunset: Time, 5:17 Character, Cloudy
Moonset: 5:14 p.m.

Maximum velocities (exceeding 29 miles) direction and time

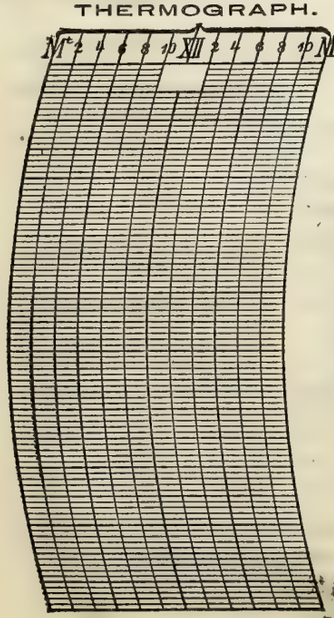
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	63	70	

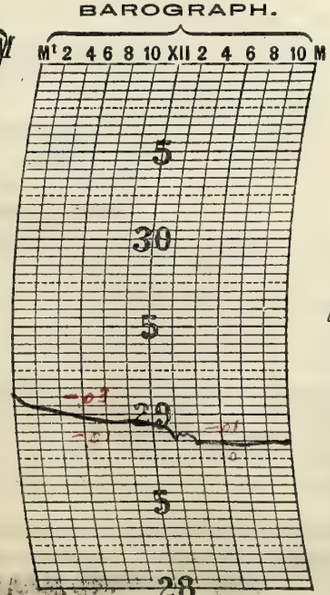
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.9 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 34
Prevailing wind direction, SW Total wind 369
Average hourly velocity, 15.4 Extreme velocity, 30
Maximum velocity, 29 Direction, SW
Time began, 10:08 am
Reduced barometer, 29.85 7 a. m. 29.70 7 p. m.
River gage, 6.9 ft.
Relative humidity, 69 7 a. m. 68 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 p.m.
(Local Mean Time.)
Dry temperature, 75.7 Wet temperature, 64.7
Dew-point, 59 R. humidity, 45 V. pressure, .499
Clouds: Amount, 10; Kind, Strat; Direction, SW
Velocity of clouds (miles per hour)

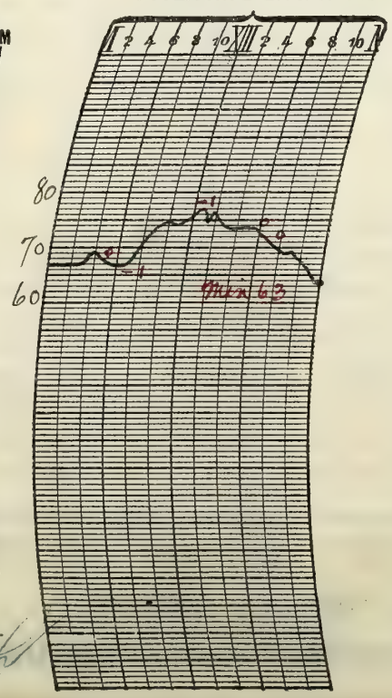
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



+ Sun shining through a St clouds.

NOTES.

Dry generally cloud with intermittent rains in the afternoon
Pleasant temperature.

Prepared by A. S. Baker
Verified by D. M. Blanchard

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 6 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	56	55	54	55	57	59	58	59	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)						0.28 0	0.6 0.4	1.0	1.0	0.4	0.7 ×	0.3 ×
Wind direction	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	8	10	7	8	8	8	7	12	15	15	18	20

Sunrise: Time, 5:43; Character, Clear. Moonrise: 4:13 AM.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	50	50	50	49	49	48	47	47	47	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	19	16	15	14	10	12	10	9	9	9	12	12

Sunset: Time, 5:15; Character, Cloudy. Moonset: 5:44 PM.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

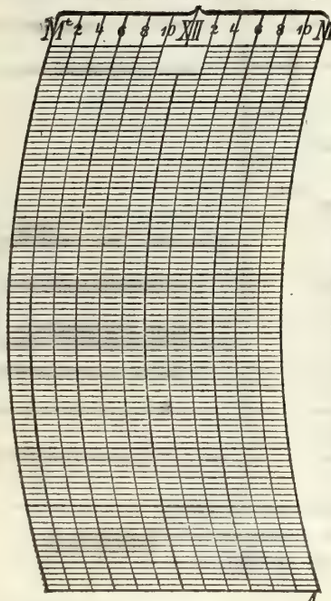
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	47	55	—

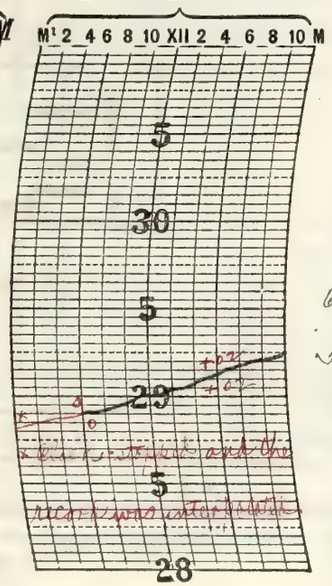
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7. Possible sunshine, hours, 11.5
Per cent of possible sunshine, 41
Prevailing wind direction, NW. Total wind 283
Average hourly velocity, 11.8. Extreme velocity, 24
Maximum velocity, 22. Direction, NW
Time began, 11:02 am.
Reduced barometer, 29.81 7 a. m. 30.07 7 p. m.
River gage, 1.8 ft.
Relative humidity, 79 7 a. m. 77 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM
(Local Mean Time.)
Dry temperature, 54.0. Wet temperature, 46.8
Dew-point, 44. R. humidity, 69. V. pressure, .287
Clouds: Amount, 10; Kind, Strat; Direction, NW
Velocity of clouds (miles per hour)

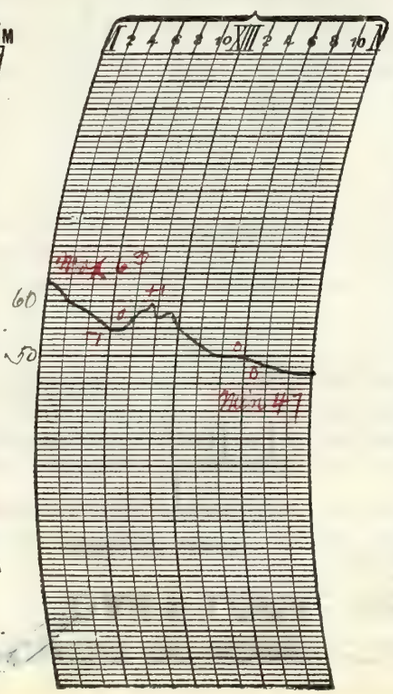
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



× Sun shining through detached clouds.

NOTES.

Increasing cloudiness and slowly falling temperature from the early morning.

Prepared by H. S. Baker
Verified by C. M. Hennigar

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 7 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	47	47	47	47	47	48	48	48	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character, 5:44 Cloudy; Moonrise: 8:12 am												
Sunshine (in tenths of hours)						6	0	0	0	0	0	+0.3
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	11	10	12	10	11	9	10	10	10	8	10	10
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	51	51	52	51	50	49	49	48	46	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→											
Sunset: Time, Character, 5:14 Cloudy; Moonset: 6:17 PM												
Sunshine (in tenths of hours)	+0.6	0	0	0	0	0						
Wind direction	E	E	E	NE	E	E	E	E	E	E	SE	SE
Wind movement	10	9	5	5	6	6	5	4	7	7	4	6
Maximum velocities (exceeding 20 miles) direction and time												

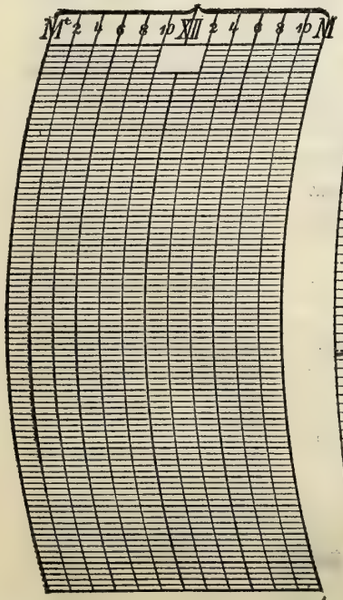
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	45	48	✓

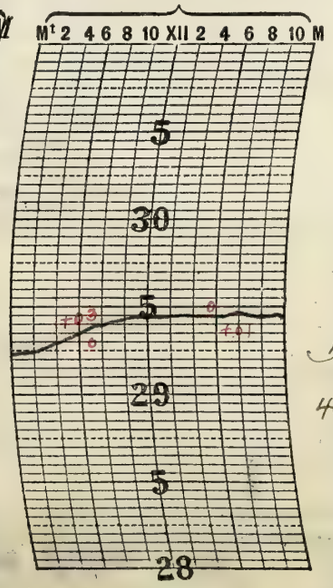
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ✓
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.9 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 8
Prevailing wind direction, E Total wind 195
Average hourly velocity, 8.1 Extreme velocity, 18
Maximum velocity, 16 Direction, NE
Time began, 2:11 am
Reduced barometer, 30.29 7 a. m. 30.38 7 p. m.
River gage, 1.8 ft.
Relative humidity, 78 7 a. m. 82 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1238 PM.
(Local Mean Time.)
Dry temperature, 50.2 Wet temperature, 44.7
Dew-point, 39 R. humidity, 65 V. pressure, .237
Clouds: Amount, 10; Kind, St. Cu; Direction, E
Velocity of clouds (miles per hour)

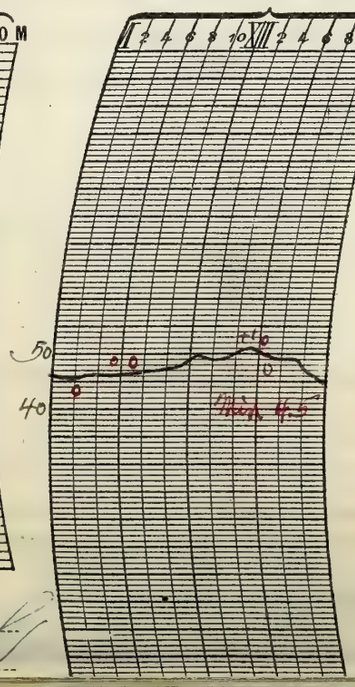
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

+ Sunshining through detached clouds.

Cool and Cloudy Weather

Prepared by J. S. Boyer

Verified by J. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 8 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	41	40	39	38	38	41	50	59	62	65	66	66	67	66	64	62	59	58	56	55	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear			Pt Cloudy						Clear			Pt Cloudy		Clear		Cloudy		
Sunshine (in tenths of hours)						0.25 0	0.2 0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0						
Wind direction	SE	SE	E	E	E	E	NE	E	S	S	S	S	SE	SE	SE	S	SE	SE	E	E	E	NE	NE	S
Wind movement	6	5	4	2	4	3	4	3	8	10	7	6	4	5	4	6	5	2	2	1	1	2	1	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:45; Character, Clear
Moonrise: 9:10 am
Sunset: Time, 5:12; Character, Cloudy
Moonset: 6:54 pm

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

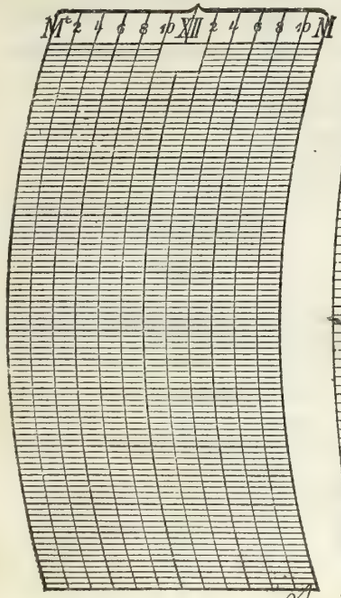
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	38	52	

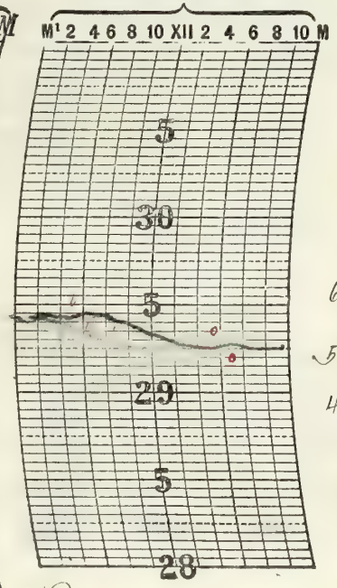
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 87
Prevailing wind direction, E Total wind, 96
Average hourly velocity, 4.0 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 9:17 am
Reduced barometer, 30.38 7 a. m. 30.19 7 p. m.
River gage, 1.8 ft
Relative humidity, 96 7 a. m. 60 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1:38 pm
(Local Mean Time.)
Dry temperature, 61.2 Wet temperature, 51.3
Dew-point, 42 R. humidity, 50 V. pressure, .266
Clouds: Amount, 7; Kind, ast; Direction, W
Velocity of clouds (miles per hour)

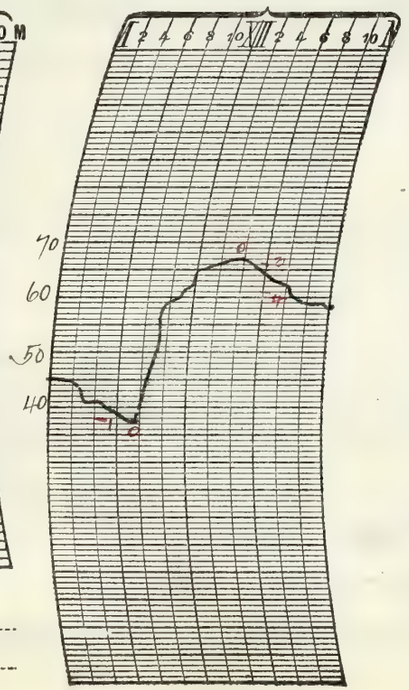
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost in the city. Cool in the early morning, but the temperature rose rapidly during the forenoon. Day generally partly cloudy and pleasant.

Prepared by H. S. Baker
Verified by C. W. Mc Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) Oct. 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	52	53	52	52	57	61	63	67	68	69	71	71	71	69	67		60	57	55	54	52
State of weather: Nature of precipitation and time of beginning and ending			RB D.N.	–	RE D.N.																			
Amounts of precipitation			T	02	T																			
Cloudiness and other conditions						Partly cloudy						Clear												
Sunshine (in tenths of hours)						0	04	09	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.6						
Wind direction	N	NW	W	NW	NW	W	W	W	NW	NW	N	N	N	NW	N	N	N	N	N	SE	SE	S	S	SW
Wind movement	2	3	8	6	6	4	4	6	7	6	9	8	8	7	10	6	5	0	1	3	2	5	4	
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:46; Character, Cloudy. Moonrise: 10:06 am

Sunset: Time, 5:10; Character, Clear. Moonset: 7:37 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

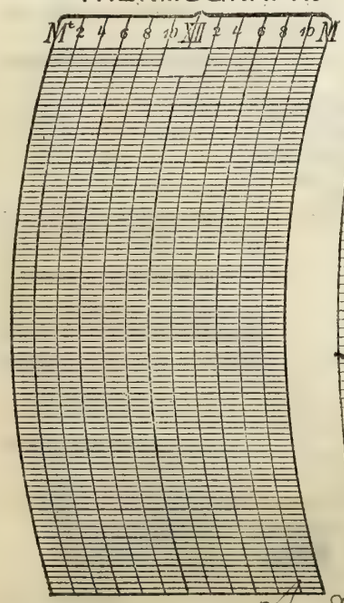
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	51	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 02 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.5 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 92
Prevailing wind direction, N Total wind 124
Average hourly velocity, 5.2 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 10:14 am
Reduced barometer, 30.19 7 a. m. 30.15 7 p. m.
River gage, 1.8 ft
Relative humidity, 92 7 a. m. 43 7 p. m.

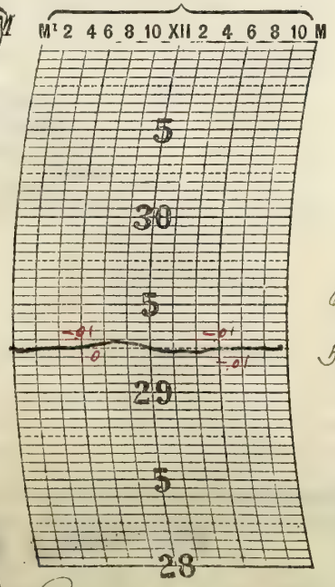
OBSERVATIONS AT ~~12 NOON~~ 12:36 P.M. (Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 49.8
Dew-point, 30 R. humidity, 24 V. pressure, 164
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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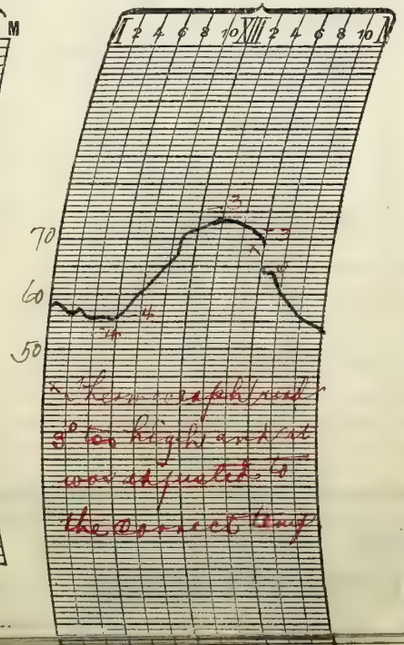


NOTES.

A fine day with moderate temperature.

Prepared by H. A. Baker

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 10 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	49	48	49	49	50	56	58	63	69	72	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)						0.22	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	S	S	S	S		SW	SW	S
Wind movement	6	6	5	4	4		4	5	6	8	10	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	73	70	69	68	67	65	63	62	61	59
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy			Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0	0						
Wind direction	S	S	SW	S	S	S	S	S	SE	S	S	S
Wind movement	13	12	11	7	8	6	5	4	7	7	7	5

Sunrise: Time, 5:47; Character, Clear

Moonrise: - - -

Sunset: Time, 5:09; Character, Cloudy

Moonset: 8:27 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	48	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.2 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 86

Prevailing wind direction, S Total wind 165

Average hourly velocity, 6.9 Extreme velocity,

Maximum velocity, 16 Direction, S

Time began, 11:20 am

Reduced barometer, 30.17 7 a. m. 30.00 7 p. m.

River gage, 1.8 ft

Relative humidity, 59 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 12:38 pm
(Local Mean Time.)

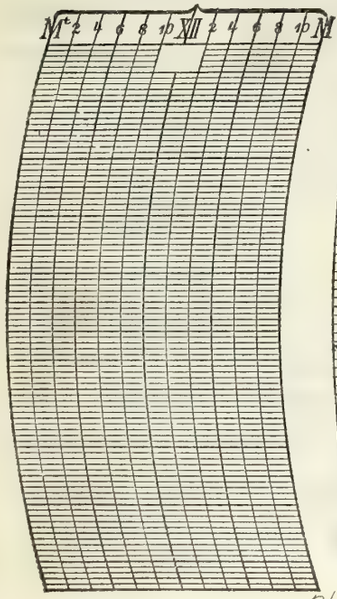
Dry temperature, 71.4 Wet temperature, 52.4

Dew-point, 33 R. humidity, 24 V. pressure, .185

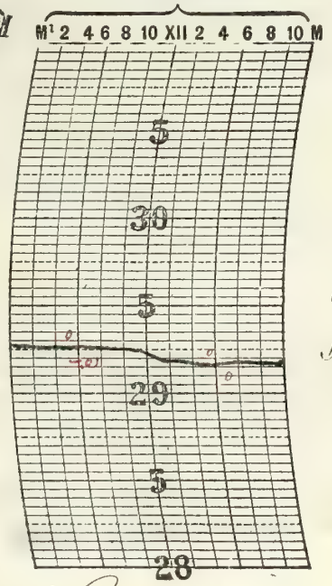
Clouds: Amount, 2; Kind, Cu St; Direction, NW

Velocity of clouds (miles per hour)

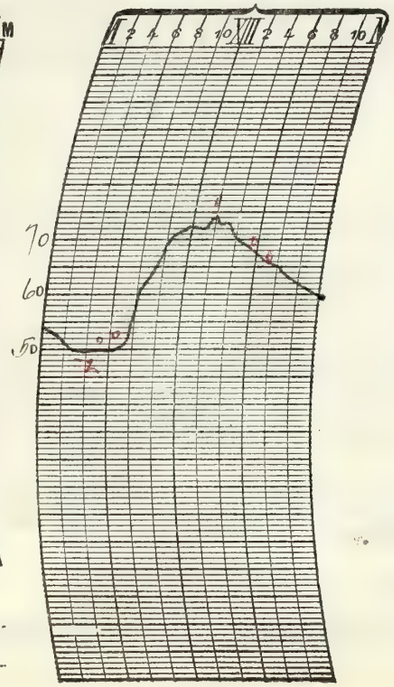
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon Clear afternoon Partly Cloudy to Cloudy; Pleasant temperature.

Prepared by H. S. Barker

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 1 1 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	58	58	58	59	62	68	72	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy					
Sunrise: Time, Character	5:48 Cloudy											
Moonrise:	— —											
Sunshine (in tenths of hours)						0		0.6	1.0	1.0	1.0	0.3
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	6	8	6	6	5	6	7	9	7	7	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	68	64	62	62	61		59	59	59	59	58
State of weather: Nature of precipitation and time of beginning and ending		RB 1.4	–	–	–	–	–	–	–	–	RE IN	
Amounts of precipitation		T	.05	.05	.05	.03	.04	.02	.01	.02	.01	
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character									5:07 Cloudy			
Moonset:									9:23 PM.			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	NW	NW	S	S
Wind movement	7	7	9	6	3	2	2	1	1	1	2	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

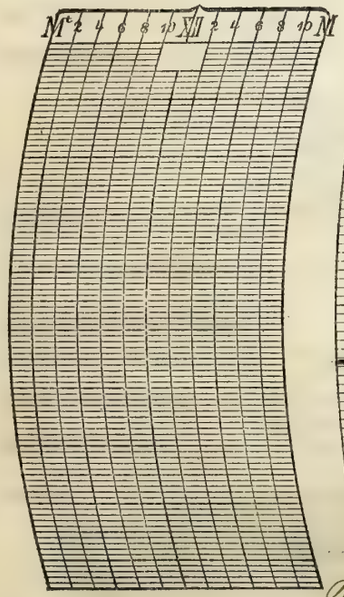
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	57	66	

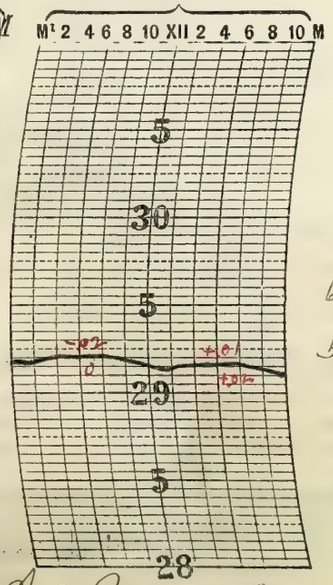
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 2 ins.
Total precipitation, midnight to midnight, 28 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.9 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 35
Prevailing wind direction, S Total wind 126
Average hourly velocity, 5.2 Extreme velocity,
Maximum velocity, 12 Direction, SW
Time began, 2:24 pm
Reduced barometer, 30.12 7 a. m. 30.09 7 p. m.
River gage, 5.0 6
Relative humidity, 62 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 71.8 Wet temperature, 60.0
Dew-point, 52 R. humidity, 50 V. pressure, .317
Clouds: Amount, 4 ; Kind, Scu St ; Direction, SW
Velocity of clouds (miles per hour)

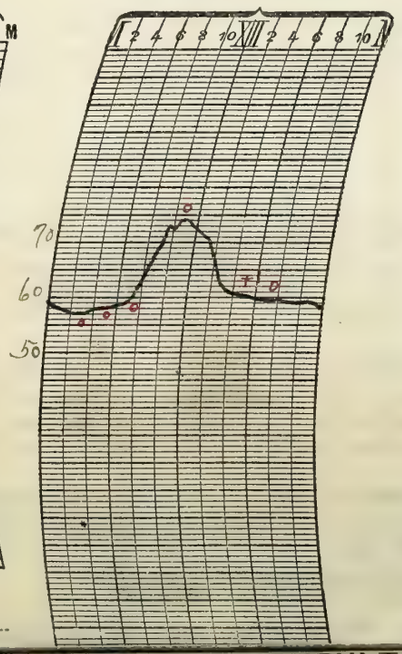
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day opened partly cloudy, and cloudiness increased from the a. m. observation. Light rain, which began at 1:45 pm, fell steadily until late night. Moderate temperatures prevailed.

Prepared by D. S. Bowen
O. Neell

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 12 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	56	56	53	52		55	61	63	64	65	67	69	69	69	68	66	64	63	62	61	60	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						DENSE FOG																		
Sunrise: Time, 5:49 Character, Foggy																					Sunset: Time, 5:06 Character, Clear			
Moonrise: 12:22 P.M.																					Moonset: 10:25 P.M.			
Sunshine (in tenths of hours)						0	0	0			0		0	0	0.6	1.0	0.5	0						
Wind direction	S	S	S	S	S	0	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	1	1	1		0	3	4	8	10	12	15	15	16	16	17	15	13	13	14	16	19	19	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	52	60	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.

Snow, sleet, and hail on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Pt. Cloudy. Moon phase, First quarter 11:00 p.m.

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 2.7 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 24

Prevailing wind direction, SW Total wind 265

Average hourly velocity, 10.4 Extreme velocity, 24

Maximum velocity, 28 Direction, SW

Time began, 10:04 P.M.

Reduced barometer, 29.03 7 a. m. 28.91 7 p. m.

River gage, 3.1

Relative humidity, 98 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12 M.
(Local Mean Time.)

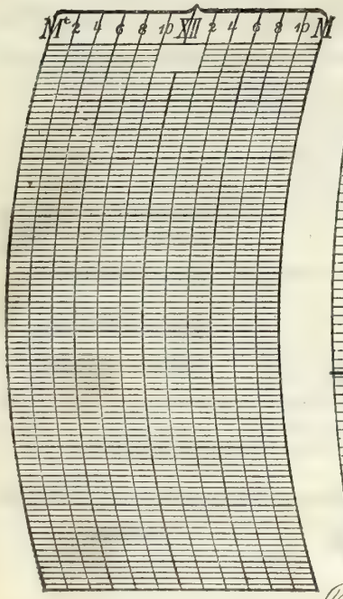
Dry temperature, 65.0 Wet temperature, 59.8

Dew-point, 57 R. humidity, 74 V. pressure, .465

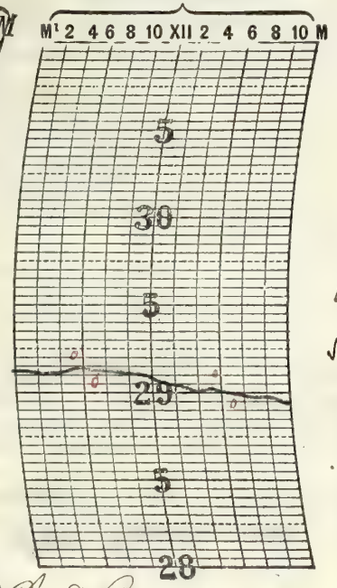
Clouds: Amount, 7; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

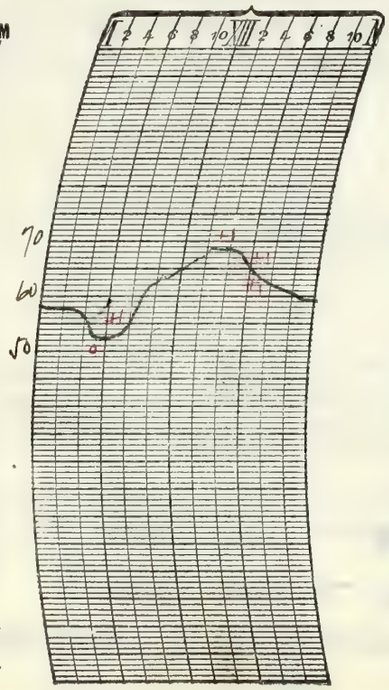
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker

Verified by P. M. Hancock

8—486

NOTES.

The day began with dense fog, which faded into light fog at 6.30 a.m., the light fog disappearing at 9 a.m. Between 5 and 6 a.m. the fog was so dense that the dome of the Court house was barely discernible. After the fog lifted, the day was fine with a pleasant temperature.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 13 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	58	57	56	55	57	57	57	57	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, Character,	5:51 Clear											
Moonrise:	1:12 P.M.											
Sunshine (in tenths of hours)						0.15	0.2	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	NW	N
Wind movement	19	17	14	13	11	11	11	10	11	10	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	60	57	55	53	52	49	47	46	45	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									5:04 Clear			
Moonset:									11:30 P.M.			
Sunshine (in tenths of hours)	0	0.4	0.9	1.0	1.0	0.07						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	12	9	13	13	12	12	10	9	8	8	6	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

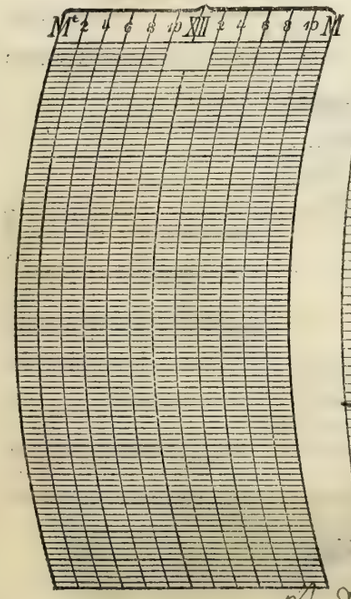
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	44		

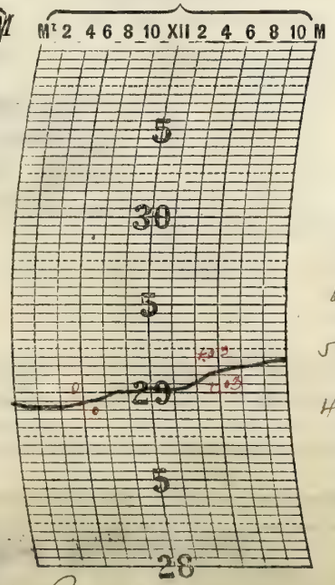
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Partly cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 3.7 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 33
Prevailing wind direction, N.W. Total wind 266
Average hourly velocity, 11.1 Extreme velocity, 23
Maximum velocity, 23 Direction, NW
Time began, 3:44 p.m.
Reduced barometer, 29.8 7 a. m. 30 7 p. m.
River gage, 8.0
Relative humidity, 60 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 p.m.
(Local Mean Time.)
Dry temperature, 56.5 Wet temperature, 49.5
Dew-point, 44 R. humidity, 61 V. pressure, .287
Clouds: Amount, 2 Kind, Cu Direction, NW
Velocity of clouds (miles per hour)

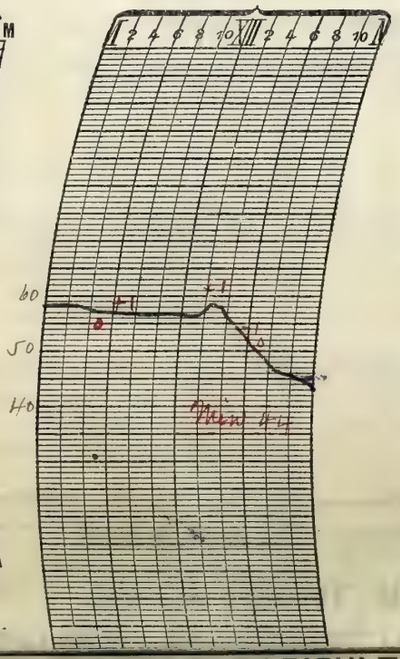
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker

NOTES.

Heavy dew in the early morning.

Light fog began 8 30 am and ended at 2 pm.

Light smoke and light haze during a considerable part of the day.

Cool, with falling temperature from the sun observation.

Moonlight prevailed during the evening and night.

During the day the firmament was tinged with green and yellow, and the sun, when visible, was like a red ball of fire.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 14 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	42	41	41	41	41	46	49	49	53	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cloudy →					
Sunrise: Time, 5:52; Character, Cloudy												
Moonrise: 1:47 P.M.												
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0	1.0
Wind direction	N	W	N	NW	NW	NW	W	NW	N	N	NW	N
Wind movement	5	4	5	5	4	3	4	4	6	9	9	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	58	59	58	[illegible]	[illegible]	53	51	49	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear →						
Sunset: Time, 5:02; Character, Clear												
Moonset: — —												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	0.3 0						
Wind direction	NW	NW	NW	NW	N	NW	O	N	NW	S	S	S
Wind movement	8	6	5	6	4	3	0	1	2	3	4	3

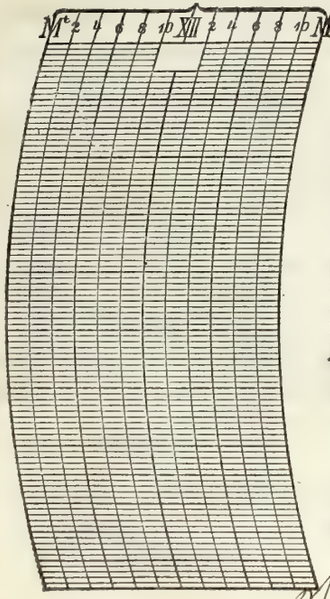
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 9.5 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 85
Prevailing wind direction, NW Total wind 110
Average hourly velocity, Extreme velocity,
Maximum velocity, 12 Direction, NW
Time began, 10:49 a.m.
Reduced barometer, 30.24 7 a. m. 30.27 7 p. m.
River gage, 2.1 ft
Relative humidity, 89 7 a. m. 72 7 p. m.

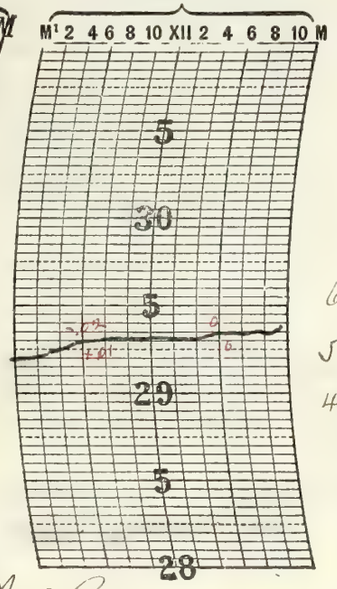
OBSERVATIONS AT ~~12 NOON.~~ 1:38 pm
(Local Mean Time.)
Dry temperature, 55.0 Wet temperature, 44.0
Dew-point, 31 R. humidity, 39 V. pressure, .172
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration: From—	To—	Total amount of precipitation.	Excessive rate: Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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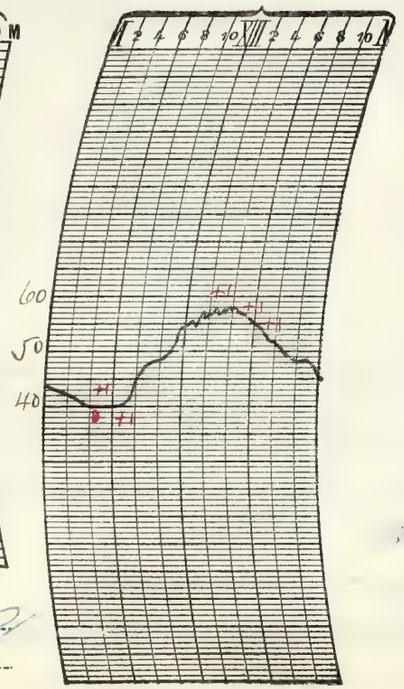


Prepared by N. S. Baker
Verified by C. McDonough

8—486

NOTES.

Light frost occurred in the early morning.
The day was cool but pleasant. Decreasing cloudiness from the am. Observation, the day being mostly clear and the night clear with moonlight.
The sunset was intensely yellow.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 1 5 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	44	44	43	44	48	55	58	63	65	67	69	68	68	66	64	61	60	58	56	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←				0	1		0	a	r			→	Partly	Clear				
Sunshine (in tenths of hours)						0.12 0	1.0 0	0.4 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	SW	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	3	6	7	8	9	9	8	10	12	13	16	17	16	16	17	18	15	14	12	11	11	10	10	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:53 Character, Clear
Moonrise: 2:21 P.M.
Sunset: Time, 5:01 Character, Cloudy
Moonset: 12:40 AM

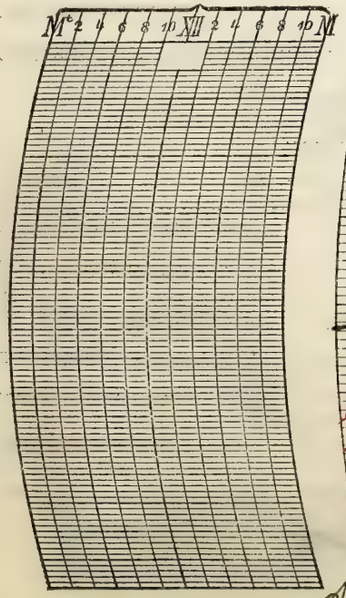
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	43	56	

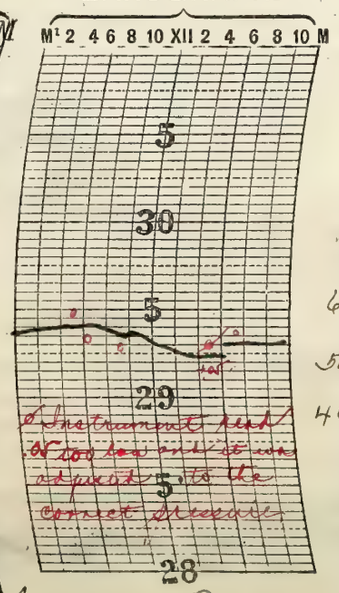
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 9.5 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 89
Prevailing wind direction, Total wind 281
Average hourly velocity, 11.7 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 3:11 PM.
Reduced barometer, ~~29.~~ 7 a. m. 30.157 p. m.
River gage, 2.6 ft.
Relative humidity, 71 7 a. m. 50 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:35 PM.
(Local Mean Time.)
Dry temperature, 64.8 Wet temperature, 52.0
Dew-point, 40 R. humidity, 40 V. pressure, .247
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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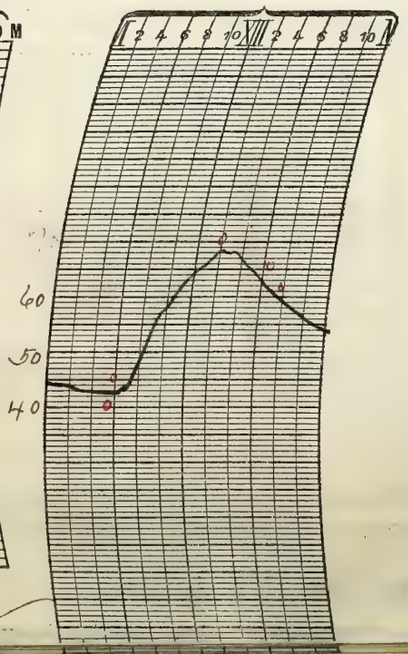


NOTES.

Generally Clear skies - Moderate temperature and very pleasant weather. Moonlight at night.

Prepared by Nelson J. Baker

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 16 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	51	50	51	51	55	60	63	68	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0.1 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	SW
Wind movement	9	11	11	12	9	7	8	9	9	10	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	75	74	71	70	67	65	63	62	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 0.2							
Wind direction	SW	SW	SW	W	W	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	5	6	4	2	5	4	4	2	3	3	3

Sunrise: Time, 5:51 Character, Clear

Moonrise: 2:53 PM

Sunset: Time, 4:59 Character, Clear

Moonset: 1:5 AM

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 11.1 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 153

Average hourly velocity, 2 Extreme velocity, 7

Maximum velocity, 13 Direction, SW

Time began, 3:20 pm

Reduced barometer, 30.17 7 a. m. 30.1 7 p. m.

River gage, 2.6 ft.

Relative humidity, 63 7 a. m. 50 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 pm
(Local Mean Time.)

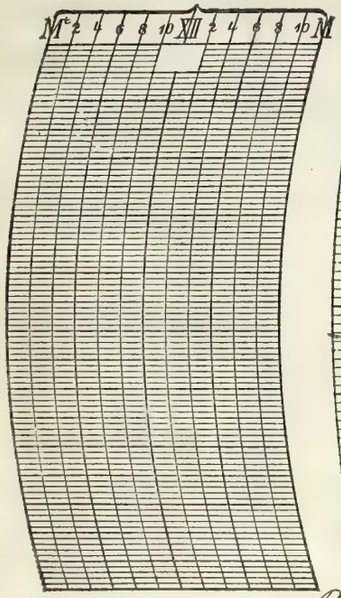
Dry temperature, 69.3 Wet temperature, 55.8

Dew-point, 45 R. humidity, 42 V. pressure, 29.90

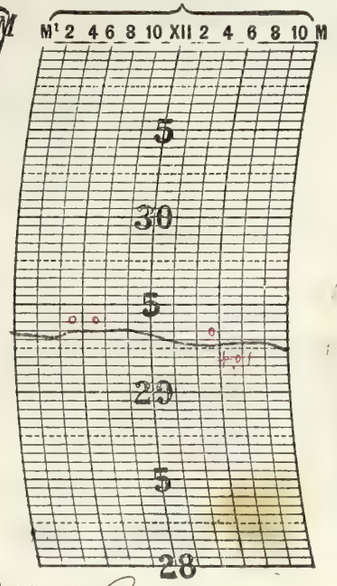
Clouds: Amount, 4 cu 1; Kind, 2 cst; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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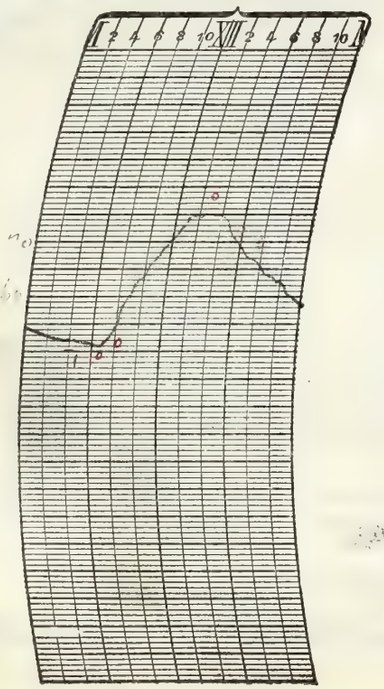


NOTES.

Pleasantly warm and clear, with moonlight at night.

Prepared by N. S. Baker

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 17 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	53	53	53		57	62		70	73	74	75	73	71	69	67	65	64	62	59	53	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear						P.Cl.		Cloudy											
Sunrise: Time, Character,	5:55 Cloudy																				Sunset: Time, Character,	4:58 Cloudy		
Moonrise:	3:25 P.M.																				Moonset:	3:25 am		
Sunshine (in tenths of hours)						× 0	0	0.5	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.6	0							
Wind direction	NE	NE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	N	N	NE
Wind movement	1	4	9	7	8	7	7	9	11	13	15	13	14	14	15	13	10	9	9	10	8	7	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

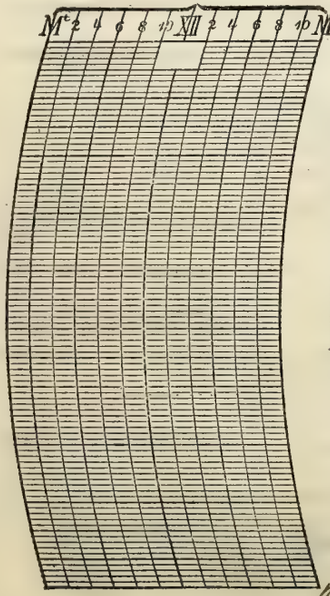
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	51	63	

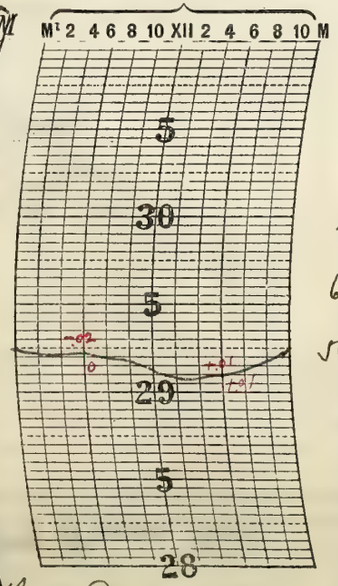
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, P.Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 73
Prevailing wind direction, SW Total wind 242
Average hourly velocity, 10.1 Extreme velocity, 26
Maximum velocity, 24 Direction, NE
Time began, 11:20 pm.
Reduced barometer, 30.05 7 a. m. 29.97 7 p. m.
River gage,
Relative humidity, 74 7 a. m. 62 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 PM.
(Local Mean Time.)
Dry temperature, 71.4 Wet temperature, 55.3
Dew-point, 42 R. humidity, 34 V. pressure, 2.66
Clouds: Amount, 4 Kind, Cu St Direction, NW
Velocity of clouds (miles per hour)

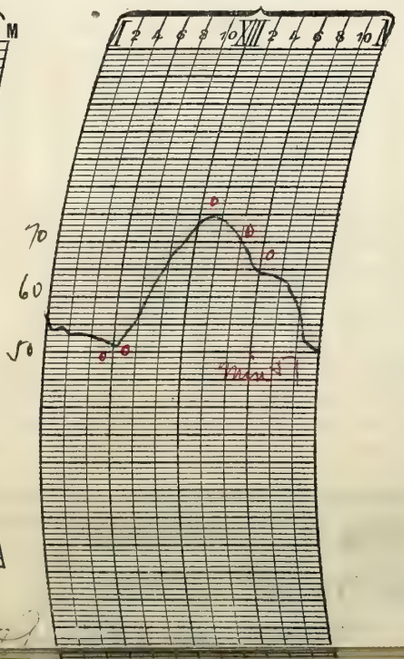
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



× Sunrise obscured by small bank of Cu St Clouds.

NOTES.

The day was mostly partly cloudy, but clear skies prevailed in the early morning and late night. Moderate temperatures prevailed, and moonlight obtained at night.

Prepared by M. J. Baker

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 18 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	48	47	47	46	46	46	46	47	49	51	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy →						Clear
Sunrise: Time, 5:56 Character, Cloudy												
Moonrise: 9:58 P.M.												
Sunshine (in tenths of hours)						0	0	0	0	0.7	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	22	20	23	17	22	20	20	20	21	21	22	20
Maximum velocities (exceeding 29 miles) direction and time					31 NE 4:36							

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	52	52	50	48	[illegible]	44	43	43	42	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4:56 Character, Cloudy												
Moonset: 4:20 A.M.												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	21	23	22	20	18	15	14	17	15	15	13	13
Maximum velocities (exceeding 29 miles) direction and time		30 NE 1:33										

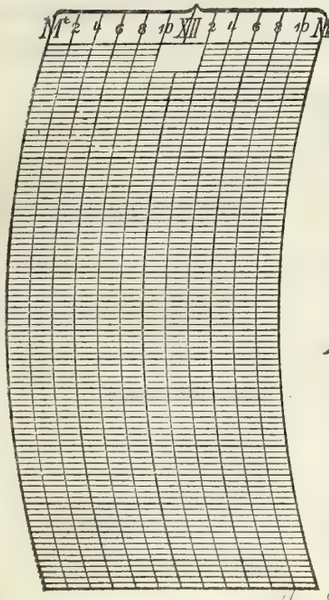
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	42	49	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, 74 Cloud, Moon phase,
Average daily cloudiness (0-10), 7.4
Actual sunshine, hours, 7.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 64
Prevailing wind direction, NE Total wind 417
Average hourly velocity, 18.0 Extreme velocity, 31
Maximum velocity, 31 Direction, NE
Time began, 4:36 am.
Reduced barometer, 30.26 7 a. m. 30.36 7 p. m.
River gage, 1.8 ft.
Relative humidity, 7 a. m. 77 7 p. m.

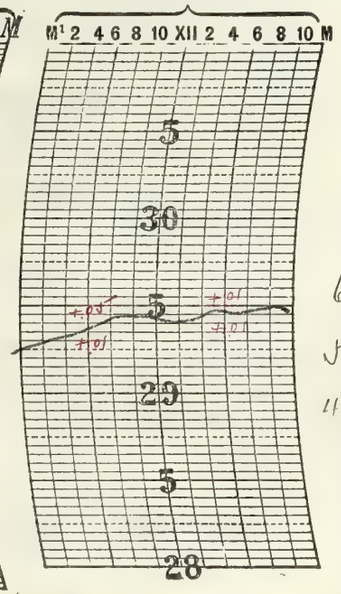
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 53.2 Wet temperature, 46.0
Dew-point, 39 R. humidity, 57 V. pressure,
Clouds: Amount, 3; Kind, Ast.; Direction, NW
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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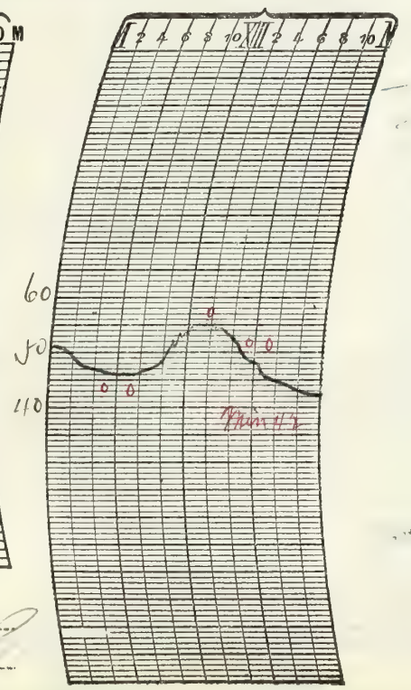


Prepared by A. Stager
Verified by [illegible]

8—486

NOTES.

* Sunset obscured by a small bank at a 5 to 3 [illegible]
Cool with decreasing cloudiness. Moonlight for night.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) May 19 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	39	37	37	[illegible]	39	41	46	51	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy			Clear			Pt. Cloudy	
Sunrise: Time, Character	5:57 Cloudy											
Moonrise	4:24 P.M.											
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	13	12	12	13	11	10	11	11	10	8	7	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	63	65	65	63	[illegible]	58	56	56	56	57	58
State of weather: Nature of precipitation and time of beginning and ending					RO 4:40	-	-	-	-	-	-	-
Amounts of precipitation					T	T	.02	T	.13	.07	.11	.14
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character									4:55 Cloudy			
Moonset									5:37 a.m.			
Sunshine (in tenths of hours)	1.0	0.7	0	0	0							
Wind direction	E	SE	SE	SE	SE	S	S	SE	S	S	S	S
Wind movement	7	6	6	6	6	7	7	6	8	6	8	13
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

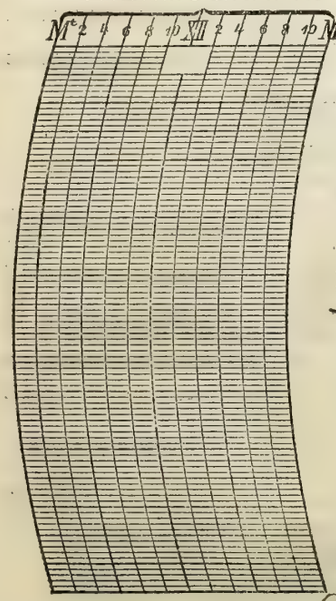
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	36	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .41 inches.
Character of day, Pt Cloudy, Moon phase Full moon 3:31 p.m.
Average daily cloudiness (0-10),
Actual sunshine, hours, 6.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 55
Prevailing wind direction, E Total wind 210
Average hourly velocity, 8.8 Extreme velocity, 2
Maximum velocity, 18 Direction, S
Time began, 11:47 p.m.
Reduced barometer, 30.31 7 a. m. 30.10 7 p. m.
River gage, 1.7 ft.
Relative humidity, 80 7 a. m. 86 7 p. m.

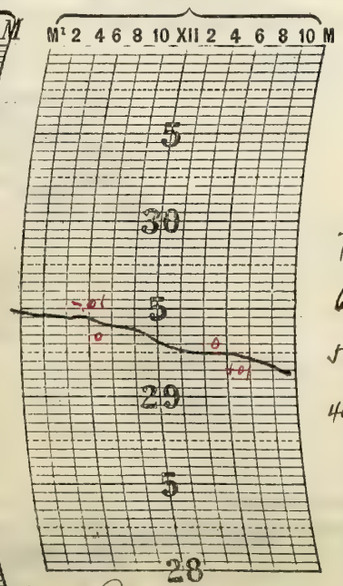
OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 49.6
Dew-point, 43 R. humidity, 59 V. pressure, .277
Clouds: Amount, 2 ; Kind, Cu St ; Direction, W
Velocity of clouds (miles per hour)

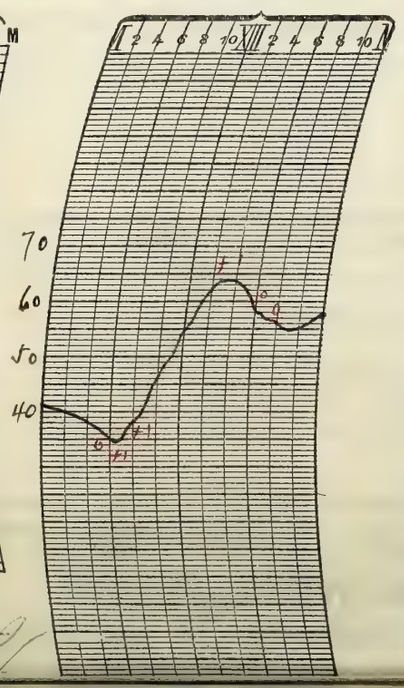
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baxter

Verified by C. M. Clemons

NOTES.

Light frost occurred in the city.

Cool with increasing cloudiness.

Light steady rain continued from 4:40 p.m. The weather in the late afternoon and night was disagreeable.

The word "Cease" was added to the p.m. telegraphic report.

Estimated.

Verified by _____

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) Oct 30 1898, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	60	59	57	57	56	56	56	56	55	56
State of weather: Nature of precipitation and time of beginning and ending	—	—	—	RE 11 N.			RE 430 RE 645					
Amounts of precipitation	ϕ .13	ϕ .10	ϕ .12	ϕ .09			.01					
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	5:58 Cloudy											
Moonrise	5:14 PM											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	14	11	12	13	13	9	11	12	12	13	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	61	63	63	61	59	58	56	55	53	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy					Clear						
Sunset: Time, Character									4:53 Cloudy			
Moonset									6:47 AM			
Sunshine (in tenths of hours)	0	0	1.0	1.0	0.5							
Wind direction	W	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW
Wind movement	12	13	15	13	10	8	9	5	5	5	6	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	50	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .45 ϕ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.5 Possible sunshine, hours, 10.9

Per cent of possible sunshine, 23

Prevailing wind direction, W Total wind 2450

Average hourly velocity, 10.2 Extreme velocity, 19

Maximum velocity, 17 Direction, SW

Time began, 2:05 pm.

Reduced barometer, 29.97 7 a. m. 30.05 7 p. m.

River gage, 2.1 ft.

Relative humidity, 97 7 a. m. 69 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm (Local Mean Time.)

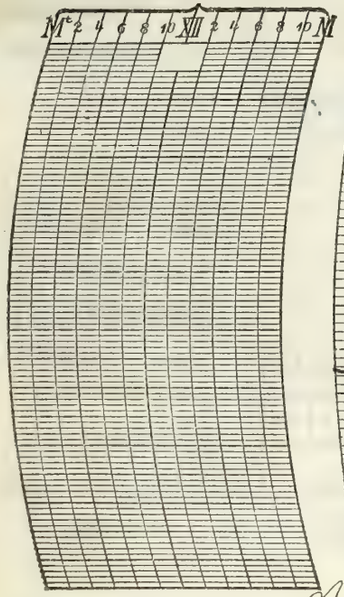
Dry temperature, 56.3 Wet temperature, 54.8

Dew-point, 53 R. humidity, 91 V. pressure, .402

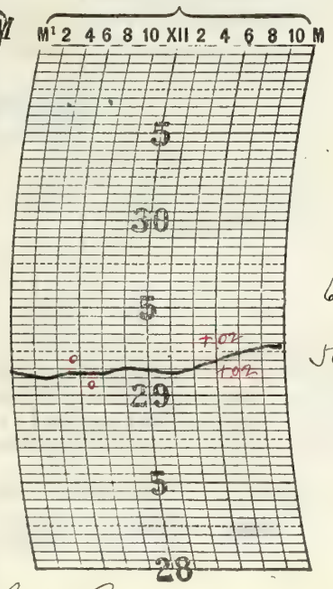
Clouds: Amount, 10; Kind, Stcu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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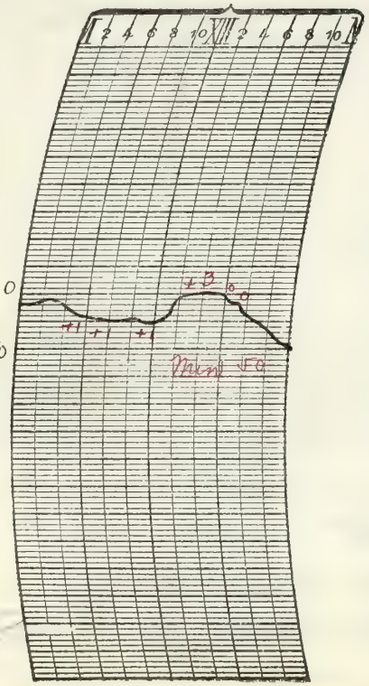


NOTES.

ϕ Estimated

The rain continued from last night ended during the morning. The greater part of the day was cloudy, cool and disagreeable but the night was fine with moonlight.

Prepared by N. S. Baker

Verified by C. M. Dunnigan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Oct. 21 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	43	42	[illegible]	45	51	53	55	59	60	62	62	61	59	[illegible]	[illegible]	52	51	50	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←								0	1	0	0	→											
Sunshine (in tenths of hours)						0.02	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4							
Wind direction	NW	N	NW	NW	SW	NW	NW	NW	N	NW	NW	NW	NW	N	N	N	NE	NE	E	E	E	E	NE	NE
Wind movement	5	5	3	2	2	2	3	2	4	4	5	6	5	5	5	5	4	3	5	6	5	3	2	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:59 Character, Clear
Moonrise: 6:25 pm
Sunset: Time, 4:52 Character, Clear
Moonset: 8:10 am

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

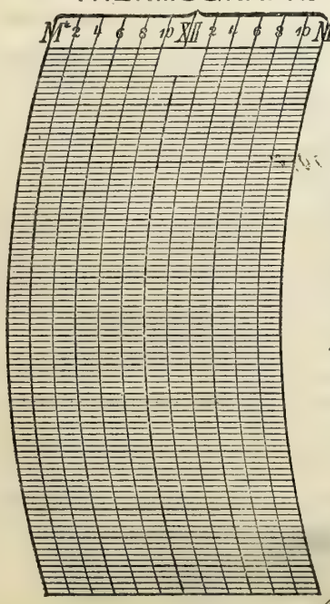
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]	43	52	

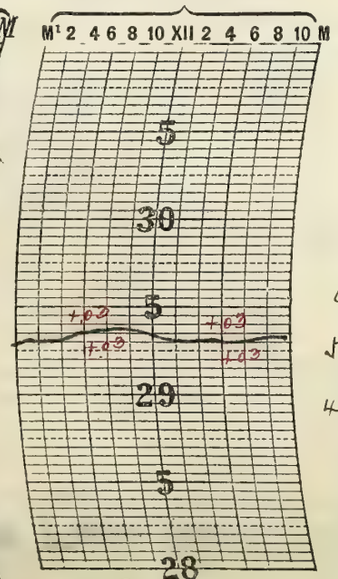
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New
Average daily cloudiness (0-10),
Actual sunshine, hours, 10.9 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind
Average hourly velocity, 4.0 Extreme velocity,
Maximum velocity, 7 Direction, E
Time began, 7:02 pm
Reduced barometer, 30.[illegible] 7 a. m. 30.[illegible] 7 p. m.
River gage, 2.1 ft.
Relative humidity, 84 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 59.0 Wet temperature, 45.2
Dew-point, 28 R. humidity, 31 V. pressure, 1.50
Clouds: Amount, 0; Kind, 0; Direction,
Velocity of clouds (miles per hour)

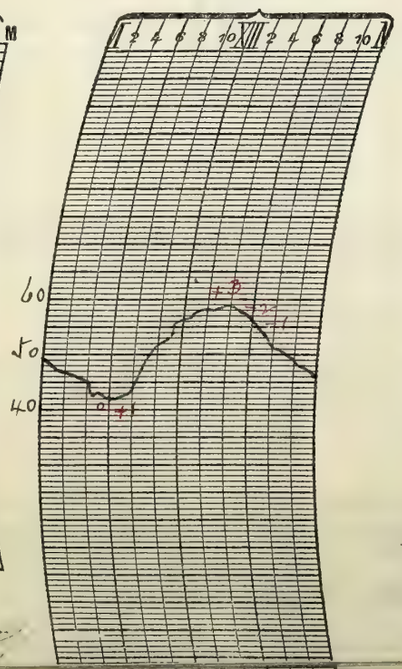
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was a heavy deposit of dew in the early morning. The day was fine, sky clear, and moonlight at night.

Prepared by D. S. Baker
Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 2 2 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	42	41	41	39	35	47	52	54	57	58	59	59	59	59	57	55	53	52	51	50	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear					Pt. Cloudy		Cloudy						Pt. Cloudy					
Sunshine (in tenths of hours)							0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.1							
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	E	E	E	NE	NE	E	E	E	NE	NE	E
Wind movement	5	7	5	1	4	5	6	4	4	7	8	5	7	5	7	5	5	6	7	6	6	6	6	5

Sunrise: Time, 6:00; Character, Clear. Moonrise: 6:59 P.m.

Sunset: Time, 4:51; Character, Cloudy. Moonset: 9:21 a.m.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	38	48	

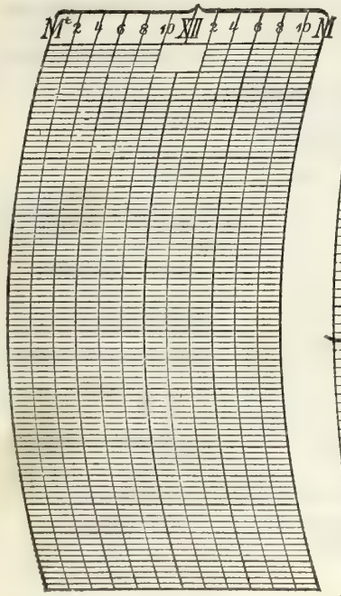
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 1.
Actual sunshine, hours, 7.8. Possible sunshine, hours, 10.8
Per cent of possible sunshine, 72
Prevailing wind direction, E. Total wind 132
Average hourly velocity, 5.5. Extreme velocity, 11
Maximum velocity, 1. Direction, SE
Time began, 9:47 a.m.
Reduced barometer, 30.19 7 a. m. 30.19 7 p. m.
River gage, 2.2 1
Relative humidity, 82 7 a. m. 56 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

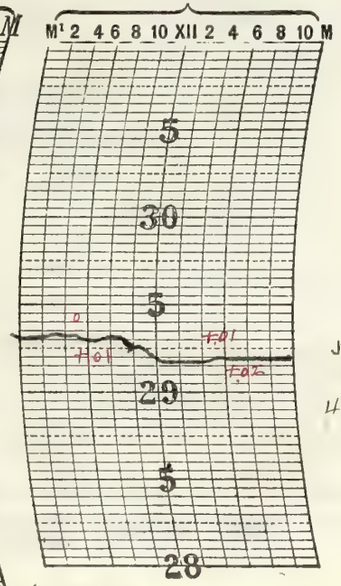
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 56.8 Wet temperature, 46.8
Dew-point, 36 R. humidity, 46 V. pressure, .211
Clouds: Amount, 8; Kind, a. St.; Direction, W
Velocity of clouds (miles per hour)

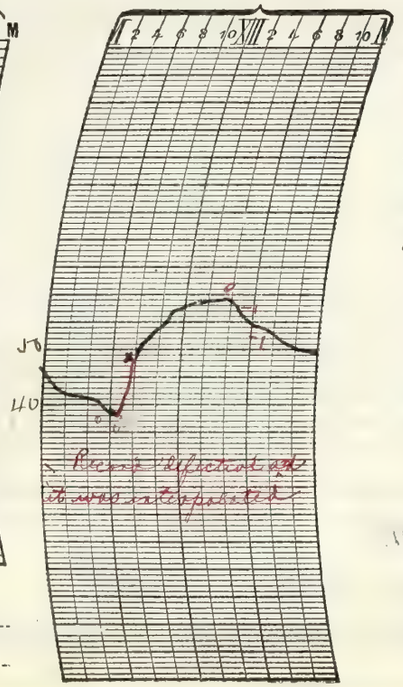
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light frost occurred in the early morning.
The weather was moderately cool, with increasing cloudiness from the a.m. observation.

Prepared by A. S. Baker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	48	48	47	48	50	53	56	58
State of weather: Nature of precipitation and time of beginning and ending						RB				RE	RB	
Amounts of precipitation						T	.03	.01	.01	T	T	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0.2	0	
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	5	5	5	6	6	5	7	5	6	5	5	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	60	59	59	58	59	59	59	57	57
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	-	-	-	-	-
Amounts of precipitation	.02	T	.01	T	.04	.3	.01	.01	T	T	T	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	E	E	NE	E	E	E	E	E	E	S	S
Wind movement	4	4	3	4	5	4	6	6	3	4	10	7

Sunrise: Time, 6:02 Character, Cloudy

Moonrise: 8:00 P.m.

Sunset: Time, 4:49 Character, Cloudy

Moonset: 10:23 Am

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	47	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .17 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.2 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 2

Prevailing wind direction, NE-E Total wind 124

Average hourly velocity, 5.2 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 10:43 Am.

Reduced barometer, 30.17 7 a. m. 30.15 7 p. m.

River gage, 22 ft

Relative humidity, 93 7 a. m. 71 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm
(Local Mean Time.)

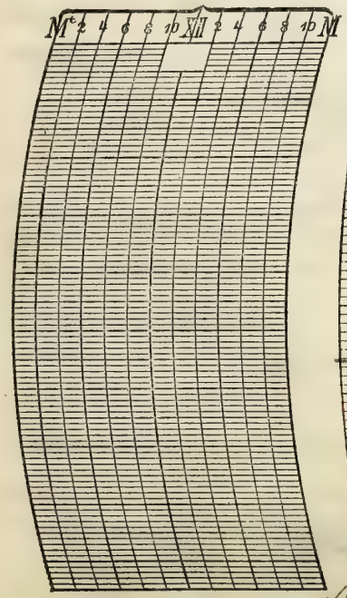
Dry temperature, 58.0 Wet temperature, 56.4

Dew-point, 56 R. humidity, 91 V. pressure, .448

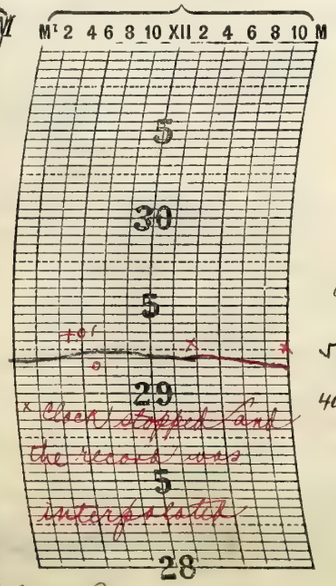
Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

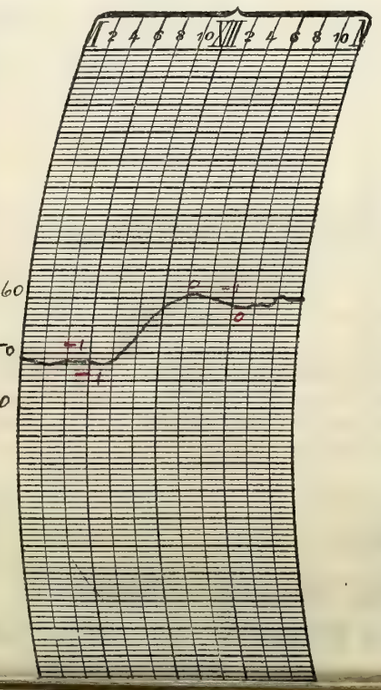
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Pool and Cloudy with rain.

Prepared by D. S. Baker

Verified by P. McDonough

Verified by P. McDonough

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 2 1 1919, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	57	57	58	59	59	59	60	61	62	62
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	RE 9:30	RB 10:55	–
State of weather: Amounts of precipitation	T	01	.04	05	04	05	.02	01	T	T	.01	05
State of weather: Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	6:03 Cloudy											
Moonrise	9:03 P.M.											
Sunshine (in tenths of hours)							0	0	0	0	02	0
Wind direction	SE	S	S	S	S	S	SE	SE	SE	S	S	S
Wind movement	7	8	9	8	7	8	9	7	4	6	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	60	60	59	59	59	59	59	59	59	58
State of weather: Nature of precipitation and time of beginning and ending	RE 12:20 RB 12:55	–	–	–	–	–	RB 6:25			RB RN	–	RE RN
State of weather: Amounts of precipitation	T	T	03	.02	.01	.03	T			T	01	T
State of weather: Cloudiness and other conditions	Cloudy											
Sunset: Time, Character										4:48 Cloudy		
Moonset										— —		
Sunshine (in tenths of hours)	02	0	0	0	1							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	8	13	13	11	13	13	13	N	16	16	17	1

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	57	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., .16 ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.4 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 4

Prevailing wind direction, S Total wind 248

Average hourly velocity, Extreme velocity,

Maximum velocity, 19 Direction, SW

Time began, 11:09 pm.

Reduced barometer, 30.03 7 a. m. 29.87 7 p. m.

River gage, 2.2 2.7

Relative humidity, 88 7 a. m. 93 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 p.m. (Local Mean Time.)

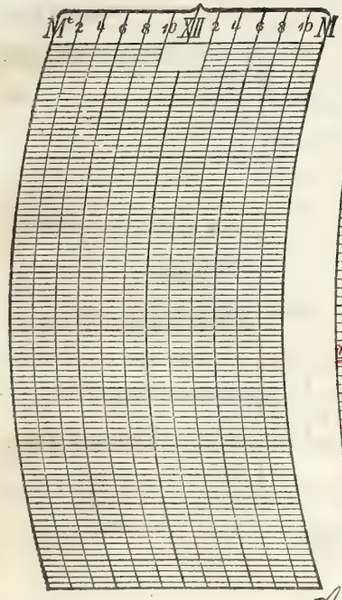
Dry temperature, 62.0 Wet temperature, 58.5

Dew-point, 56 R. humidity, 81 V. pressure, .448

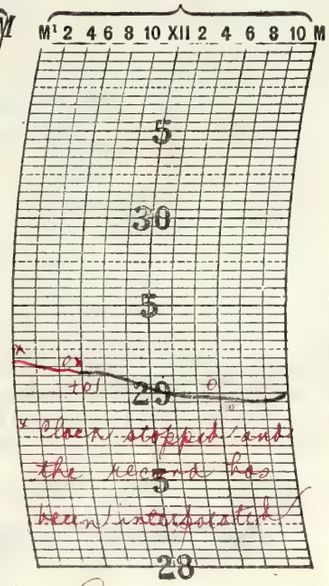
Clouds: Amount, 2.8; Kind, Sc-Cu; Direction, SW

Velocity of clouds (miles per hour)

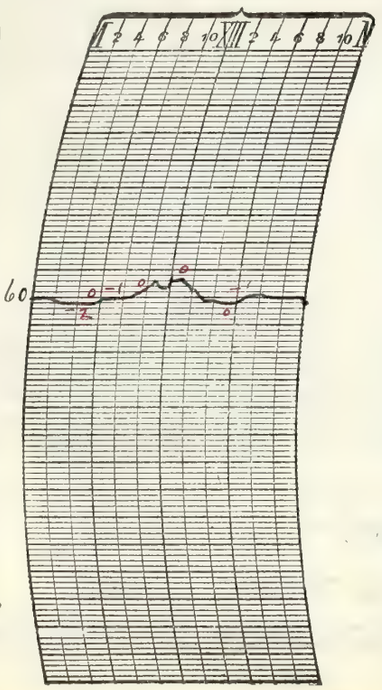
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moderate temperatures prevailed but the weather was cloudy, with rain, and very disagreeable. Special observation ordered taken at 10 am and telegraphed to the Central Office.

Prepared by A. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 25 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	55	54	53	53	53	53	53	53	53	54	54	56	56	56	56	56	55	55	55	55	55	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy															
Sunrise: Time, Character,	6:00 Cloudy																				Sunset: Time, Character, 4:46 Cloudy			
Moonrise:	10:08 P.M.																				Moonset: 12 Noon			
Sunshine (in tenths of hours)							0	0					0	0	0	0	0							
Wind direction	SW	SW	W	W	NW	NW	NW	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	14	14	11	9	7	7	6	5	6	5	6	4	7	7	7	5	7	8	7	9	9	11	8	
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

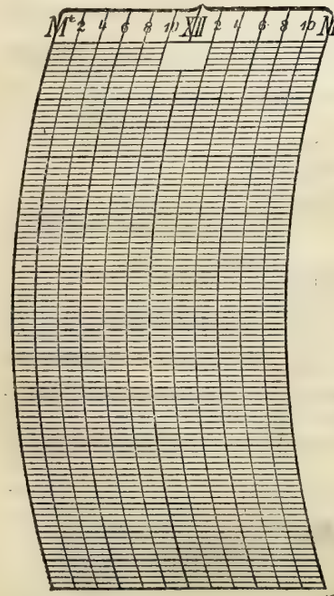
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	53	56	

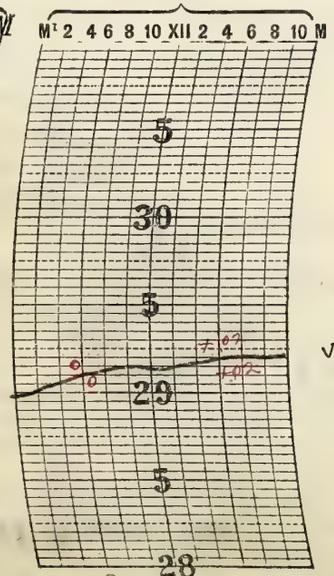
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 190
Average hourly velocity, 7.9 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 12:55 am
Reduced barometer, 30.03 7 a. m. 30.[illegible] 7 p. m.
River gage,
Relative humidity, 91 7 a. m. [illegible] 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm
(Local Mean Time.)
Dry temperature, 54.4 Wet temperature, 53.6
Dew-point, 52 R. humidity, 92 V. pressure, .387
Clouds: Amount, 10; Kind, St.; Direction, NW
Velocity of clouds (miles per hour)

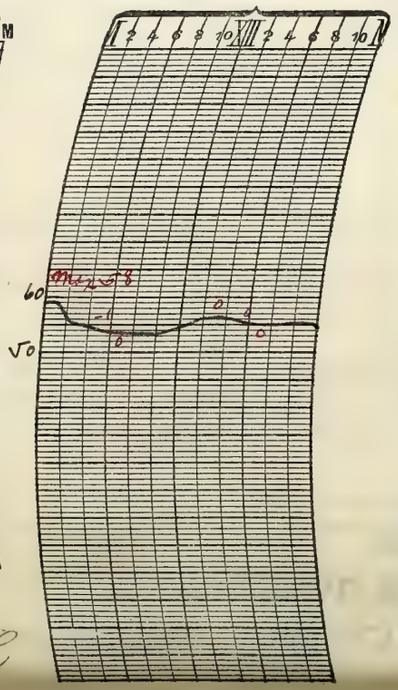
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with mild temperature.

Prepared by H. S. Baker

Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 26 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	52	52	52	51	57	50	50	51	53	54	57	57	57	57	56	56	55	54	54	53	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 6:05; Character, Cloudy																					Sunset: Time, 4:45; Character, Cloudy			
Moonrise: 11:12 PM																					Moonset: 12:38 PM			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	E	E	NE	NE	NE	NE	E	E
Wind movement	11	12	13	10	10	10	8	10	10	9	7	6	7	7	8	8	8	9	8	8	9	9	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	50	54	

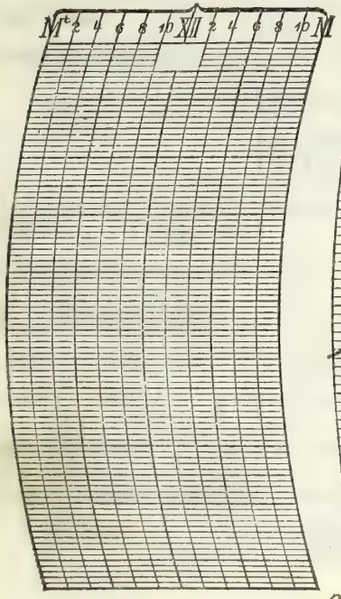
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Last quarter 11:35 am.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 3,18
Average hourly velocity, 9.1 Extreme velocity, 17
Maximum velocity, 15 Direction, NE
Time began, 3:42 am
Reduced barometer, 30.17 7 a. m. 30.16 7 p. m.
River gage, 2.5 ft
Relative humidity, 90 7 a. m. 91 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

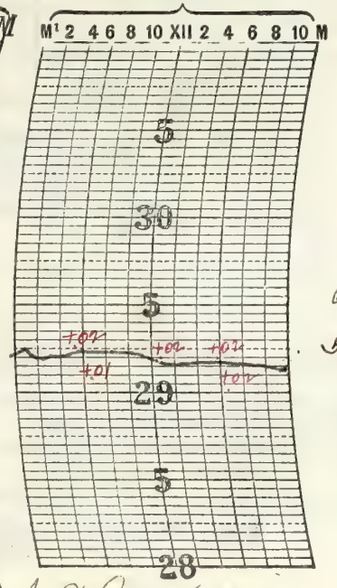
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 52.1
Dew-point, 50 R. humidity, 89 V. pressure, .36
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

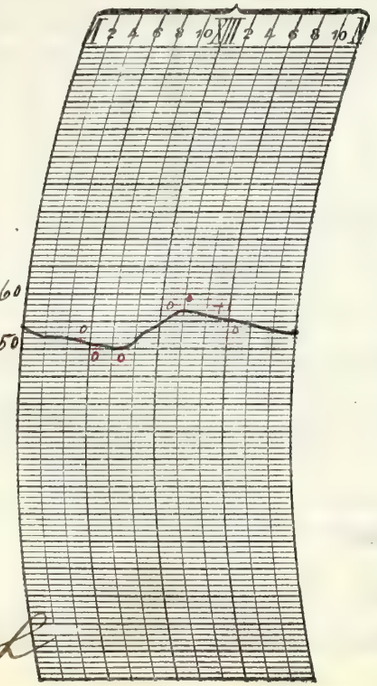
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special observation ordered taken at 1 pm and telegraphed to the Central Office
Cloudy with moderate temperature

Prepared by A. S. Barker
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 27 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	√3	√3	√3	√4	√4	√3	[illegible]	61	63	65	65	66	70	72	72	72	72	72	72	71	59	64	62	62
State of weather: Nature of precipitation and time of beginning and ending					RB 11:00	—	—	—	—	RB 10:00			RB 12:15 RS							RB 8:00	—	—	RS 11:00	
Amounts of precipitation					.03	.03	.17	.04	.01	.01			T								.48	T	T	
Cloudiness and other conditions					Cloudy								Fog		Cloudy									
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	*0 √	*0 2								
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	SE	SW	S	SW	SW
Wind movement	10	13	12	10	10	7	8	√	10	12	12	11	13	17	21	20	17	18	20	20	23	16	20	22
Maximum velocities (exceeding 20 miles) direction and time																					30 SW 8:12			

Sunrise: Time, 6:06 Character, Cloudy
Moonrise: —

Sunset: Time, 4:44 Character, Cloudy
Moonset: 1:49 PM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

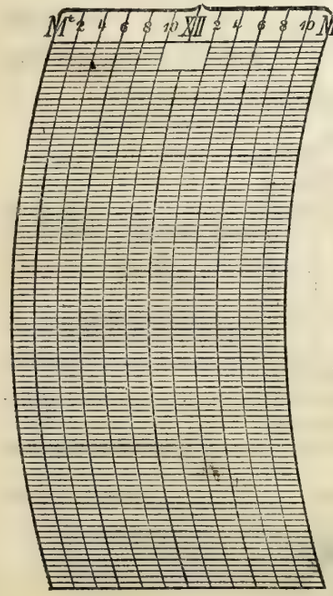
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	53	62	

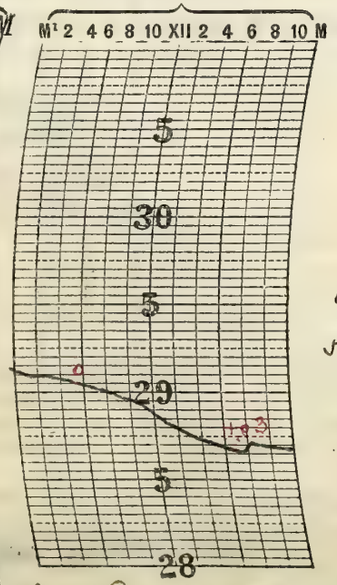
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 2 ins.; to 7 p. m., 01 ins.
Total precipitation, midnight to midnight, .79 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 2√
Prevailing wind direction, S Total wind 34
Average hourly velocity, 14√ Extreme velocity, 33
Maximum velocity, 30 Direction, SW
Time began, 8:12 pm.
Reduced barometer, 29.91 7 a. m. 29.18 7 p. m.
River gage, 2.5 ft.
Relative humidity, 97 7 a. m. 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 67.4 Wet temperature, 66.0
Dew-point, 65 R. humidity, 93 V. pressure, .616
Clouds: Amount, 9; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

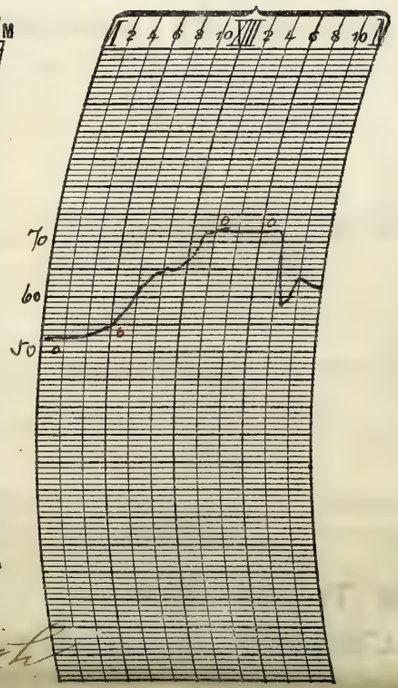
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

7. Sun shining through detached clouds

Quite warm, Cloudy with Showers.

Prepared by N. S. Barr

Verified by P. M. Kavanaugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 28 ~~1918~~, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	52	51	50	50	49	48	48	48	47	48	49
State of weather: Nature of precipitation and time of beginning and ending										RB 9:00 RE 9:15		
Amounts of precipitation										T		
Cloudiness and other conditions							Cloudy					

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	54	55	54	50	49	48	47	46	45	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly		Clear					

Sunrise: Time, 6:07; Character, Cloudy

Moonrise: 12:13 am

Sunset: Time, 4:42; Character, Clear

Moonset: 1:35 pm

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	* 0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	21	16	19	20	19	18	19	21	20	20	20
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	* 0.3	1.0	0.8	0.5 0.2							
Wind direction	SW	SW	S	SW	S	S	S	S	S	S	S	S
Wind movement	19	23	20	17	12	10	9	11	9	10	8	8
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 48 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.0 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 28

Prevailing wind direction, SW Total wind 388

Average hourly velocity, 16.2 Extreme velocity, 31

Maximum velocity, 26 Direction, S

Time began, 1:16 pm

Reduced barometer, 29.65 7 a. m. 29.82 7 p. m.

River gage, 3.6 *

Relative humidity, 78 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~ 12:38 pm
(Local Mean Time.)

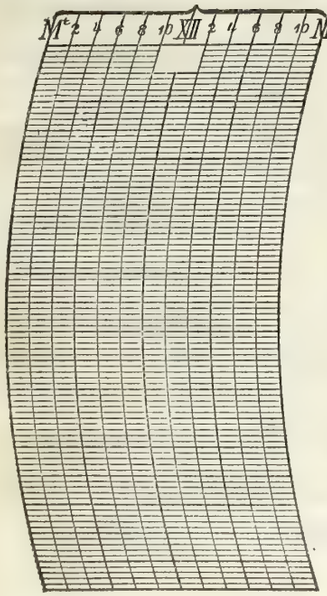
Dry temperature, 50.3 Wet temperature, 46.0

Dew-point, 42 R. humidity, 72 V. pressure, .26

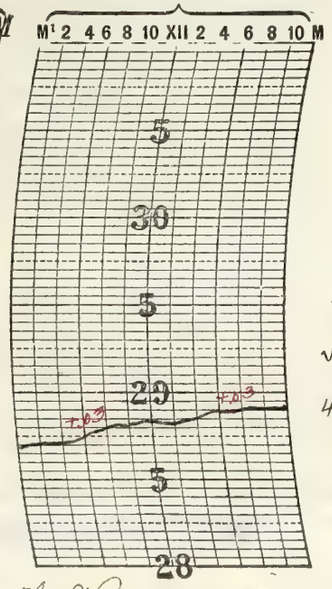
Clouds: Amount, 10; Kind, St Cu; Direction, SW

Velocity of clouds (miles per hour)

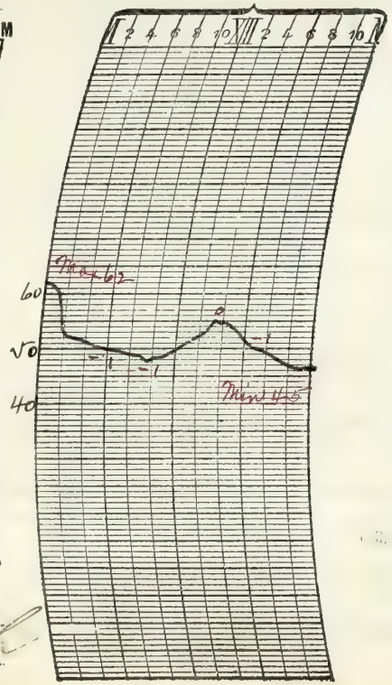
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by F. S. Baker

Verified by F. M. Hornaugh

8—486

* Sun shining through detached clouds

NOTES.

Cool with nearly stationary temperature. The greater part of the early day was cloudy, but the weather was clear after 4:00 pm.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 2 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	44	45	46	47	54	57	58	59	61	61	60	60	59	57	57	55	55	55	53	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy								Cloudy									
Sunrise: Time, Character	6:09 Clear																							
Moonrise	1:13 am																							
Sunset: Time, Character																					4:41 Cloudy			
Moonset																					2:02 pm			
Sunshine (in tenths of hours)							0.6 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S
Wind movement	8	8	7	8	6	8	9	12	12	11	13	11	15	15	13	8	9	9	8	10	9	10	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

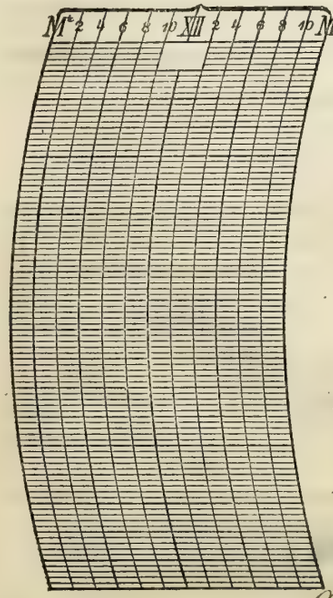
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.2 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 21
Prevailing wind direction, S Total wind 236
Average hourly velocity, 9.8 Extreme velocity,
Maximum velocity, 19 Direction, S
Time began, 11:34 am
Reduced barometer, 29.82 7 a. m. 29.73 7 p. m.
River gage, ft
Relative humidity, 89 7 a. m. 66 7 p. m.

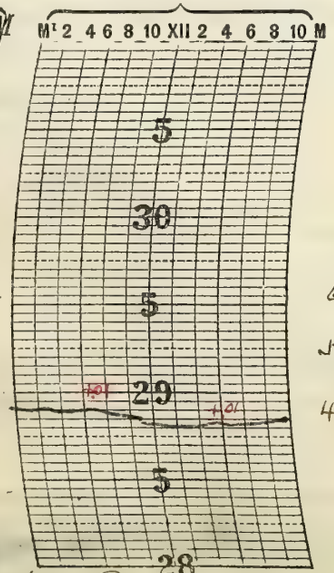
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 60.6 Wet temperature, 49.8
Dew-point, 39 R. humidity, 45 V. pressure, .237
Clouds: Amount, 8; Kind, a St.; Direction, SW
Velocity of clouds (miles per hour)

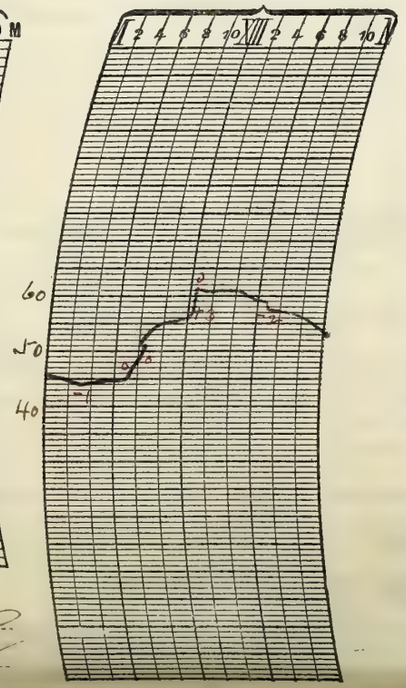
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sunshining through a St. clouds

There was a deposit of light dew in the early morning.
The weather was partly cloudy and fair with moderate temperature.

Prepared by A. H. Baker
Verified by J. McAdoo

8—486

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 30 ~~1918~~, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	50	48	48	47	47	48	49	47	52	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0		0.4	0.4	0.1
Wind direction	S	S	SW	SW	SW	W	NW	W	N	NW	NW	SW
Wind movement	8	6	7	5	4	5	3	3	4	5	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	56	56	55	53	48	47	44	43	42	42	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.9	1.0	1.0	0.67 0							
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	6	9	11	9	6	9	10	8	5	3	3	1

Light fog — Cloudy — Light fog — Clear

Sunrise: Time, 6:10; Character, Cloudy. Moonrise: 2:12 a.m.

Sunset: Time, 4:40; Character, Clear. Moonset: 2:27 p.m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	42	49	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 5.5. Possible sunshine, hours, 10.5

Per cent of possible sunshine, 52

Prevailing wind direction, NW. Total wind 138

Average hourly velocity, 5.8. Extreme velocity, 13

Maximum velocity, 13. Direction, NW

Time began, 2:33 p.m.

Reduced barometer, 29.82 7 a. m. 29.87 7 p. m.

River gage, 3.3 / 3.1

Relative humidity, 94 7 a. m. 76 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 p.m.
(Local Mean Time.)

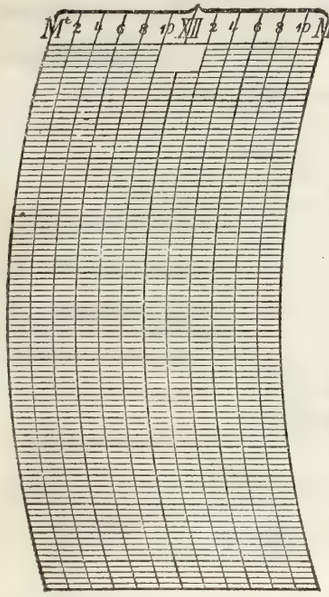
Dry temperature, 55.0 Wet temperature, 48.2

Dew-point, 41 R. humidity, 61 V. pressure, .256

Clouds: Amount, 6; Kind, Ac cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



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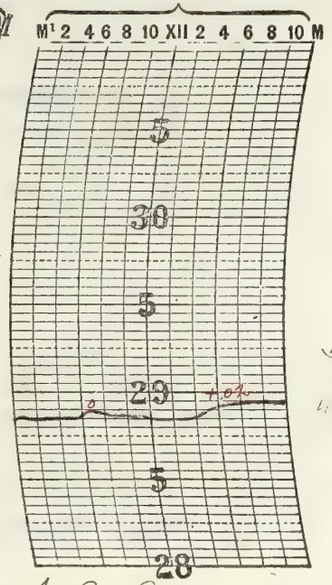
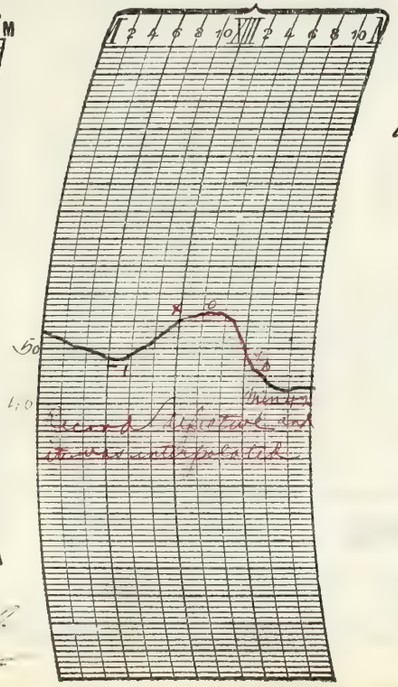


THERMOGRAPH.



NOTES.

Light fog in the early part of the morning. Day partly cloudy but mostly clear after 2 p.m. Moderate temperatures prevailed, but the late night was quite cool.

Prepared by D. S. Baker

Verified by P. McDermott

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 31 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	42	42	42	42	[illegible]	42	43	44	46	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0.9	0.7	0
Wind direction	SW	SW	SW	SW	SW	[illegible]	SW	SW	W	SW	SW	SW
Wind movement	4	7	8	9	10	9	10	9	12	15	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	43	39	38	[illegible]	[illegible]	39	39	38	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30	–	RE 2:30	RB 3:10	RE [illegible]				[illegible]	–	–	–
Amounts of precipitation	T	T	T	04	T				T	T	T	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0.1	0	[illegible]							
Wind direction	W	W	W	W	SW	SW	W	SW	W	W	SW	SW
Wind movement	15	13	9	11	7	7	8	10	9	10	13	[illegible]

Sunrise: Time, 6:11 Character, Cloudy

Moonrise: 3:10 AM

Sunset: Time, 4:38 Character, Cloudy

Moonset: 2:51 PM

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	37	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.7 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 16

Prevailing wind direction, SW Total wind 249

Average hourly velocity, 10.4 Extreme velocity, 23

Maximum velocity, Direction,

Time began, 3:41 pm

Reduced barometer, 29.89 7 a. m. 30.07 7 p. m.

River gage, 2 ft.

Relative humidity, 81 7 a. m. 78 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

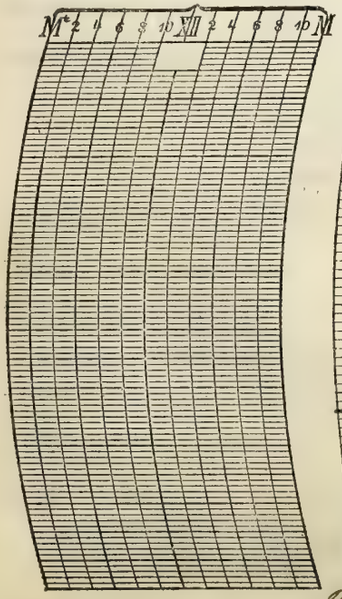
Dry temperature, 44.7 Wet temperature, 39.7

Dew-point, 34 R. humidity, 68 V. pressure, .195

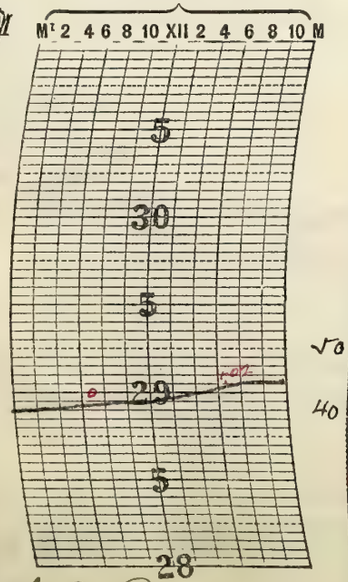
Clouds: Amount, 10; Kind, Stcu.; Direction, W

Velocity of clouds (miles per hour)

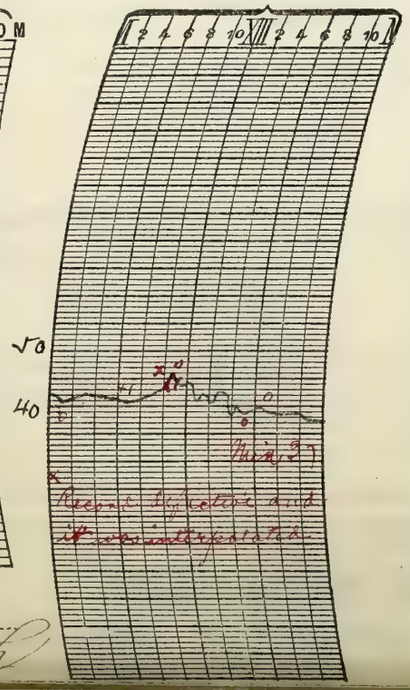
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and Cloudy, with light rain in the afternoon and night.

Prepared by N. S. Baker

Verified by P. McGlonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 1 ~~1918~~, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	35	35	35	37	38	39	39	40
State of weather: Nature of precipitation and time of beginning and ending	–	–	RE D.N									
Amounts of precipitation	.02	T	T									
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character,	6:12 Cloudy											
Moonrise:	4:08 am											
Sunshine (in tenths of hours)							0	0	*	* 08	*	* 01
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	11	11	12	13	12	12	12	13	13	15	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	40	40	39	37	36	35	35	35	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:37 Cloudy			
Moonset:									3:18 PM			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	SW	W	W	SW	SW	SW	SW
Wind movement	12	13	10	9	6	9	11	8	8	7	10	10
Maximum velocities (exceeding 29 miles) direction and time												

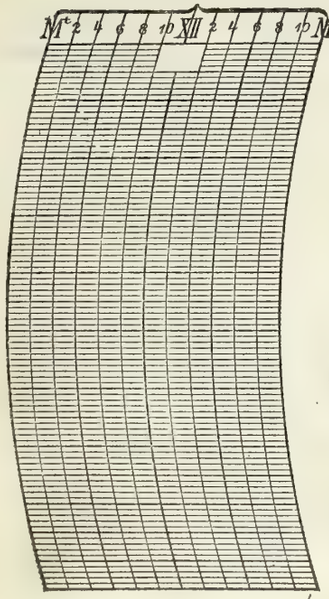
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	34	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.5 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 24
Prevailing wind direction, W Total wind 263
Average hourly velocity, 11.0 Extreme velocity, 21
Maximum velocity, 18 Direction, W
Time began, 10:35 a.m.
Reduced barometer, 30.18 7 a. m. 30.22 7 p. m.
River gage, 2.6 ft.
Relative humidity, 81 7 a. m. 64 7 p. m.

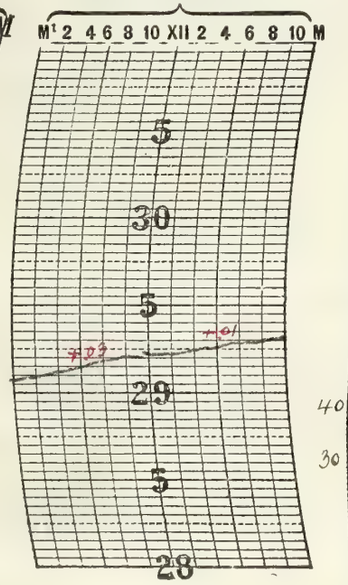
OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 39.0 Wet temperature, 34.8
Dew-point, 29 R. humidity, 66 V. pressure, .157
Clouds: Amount, 10; Kind, St-Cu; Direction, NW
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

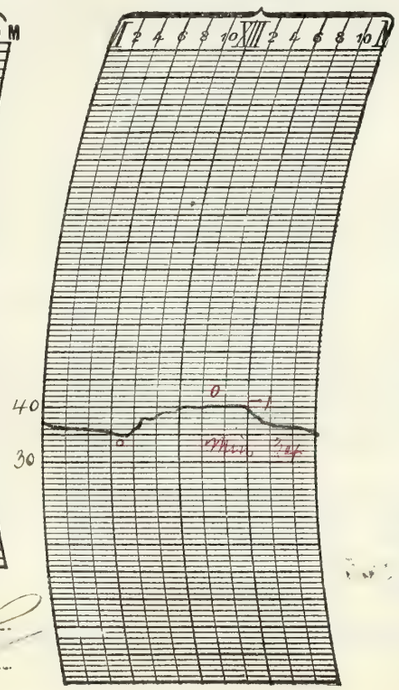
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sunshining through detached clouds.

The rain continued from October 31st ended in the early morning. The day was cold, cloudy and disagreeable.

Prepared by H. S. Parker

Verified by T. M. Donnegan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible] 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	32	31	31	30	30	3[illegible]	34	38	43	45	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)							0.78 0	1.0 0	1.0	1.0	1.1	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	8	8	7	7	9	7	5	10	10	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	50	50	49	48	47	41	45	45	43	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	0.60 0							
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	10	10	10	9	4	6	7	7	5	10	13	11

Sunrise: Time, 6:13; Character, Clear

Moonrise: 5:07 AM.

Sunset: Time, 4:36; Character, Clear

Moonset: 3:46 PM.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	30	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Fair

Actual sunshine, hours, 10.4 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 2 0 2

Average hourly velocity, 8.4 Extreme velocity, 14

Maximum velocity, 13 Direction, S

Time began, 10:32 P.M.

Reduced barometer, 30.33 7 a. m. 30.28 7 p. m.

River gage, 2.5 ft.

Relative humidity, 94 7 a. m. 59 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

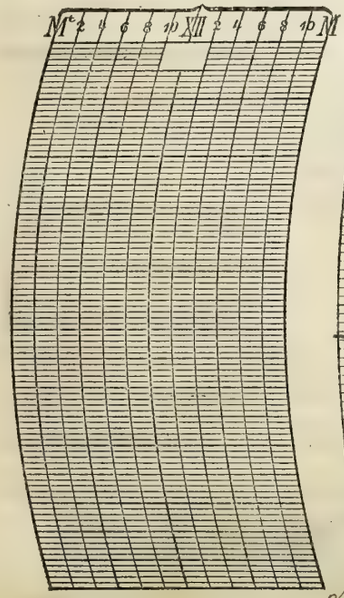
Dry temperature, 46.1 Wet temperature, 40.0

Dew-point, 32 R. humidity, 58 V. pressure, 100

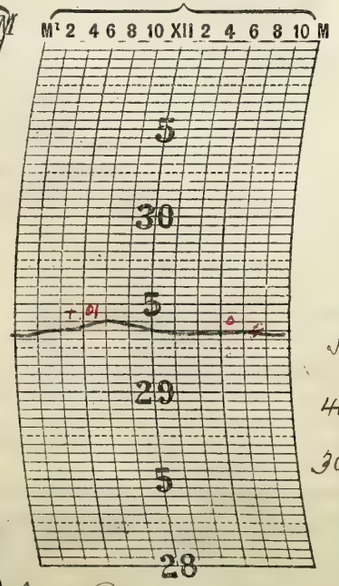
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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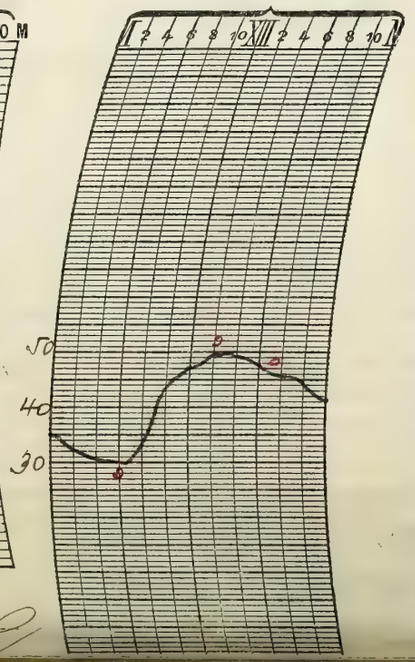


NOTES.

A killing frost occurred in the a.m. temperature 29.6°. Ice formed.

Cold, clear, and breezy weather.

Prepared by W. S. Baker
P. McMahon

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV. 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	40	41	41	42	45	50	56	59	59	58	59	57	57	57	56	56	54	54	50	50	49
State of weather: Nature of precipitation and time of beginning and ending															RO 2:20 RE 2:45				RB 6:10 RE 6:15					
Amounts of precipitation															02				T					
Cloudiness and other conditions	Pt. Cloudy → Clear → Cloudy																							
Sunrise: Time, Character	6:15 Cloudy																							
Moonrise	6:05 a.m.																							
Sunset: Time, Character																					4:35 Cloudy			
Moonset																					4:18 p.m.			
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	*0.1	*0.9	*0.2	*0.1	*0							
Wind direction	S	S	S	S	S	S	SE	S	S	S	SW	S	SW	S	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	10	8	8	6	7	8	10	13	16	19	24	21	22	22	17	15	15	14	16	16	18	17	17
Maximum velocities (exceeding 25 miles) direction and time														30 S 1:57	31 S 2:03									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

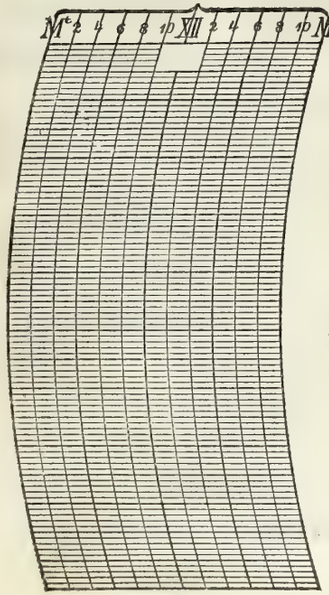
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	40	50	

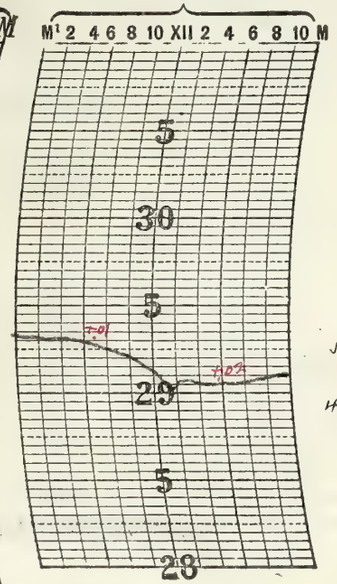
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 02 ins.
Total precipitation, midnight to midnight, 02 inches.
Character of day, Pt. Cloudy Moon phase, New Moon 3:02 p.m.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.9 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 57
Prevailing wind direction, S Total wind 349
Average hourly velocity, 14.5 Extreme velocity, 35
Maximum velocity, 31 Direction, S
Time began, 2:03 p.m.
Reduced barometer, 30.22 7 a. m. 29.99 7 p. m.
River gage, 2.3 ft.
Relative humidity, 77 7 a. m. 82 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 58.5 Wet temperature, 57.0
Dew-point, 44 R. humidity, 60 V. pressure, .287
Clouds: Amount, 8; Kind, Strat.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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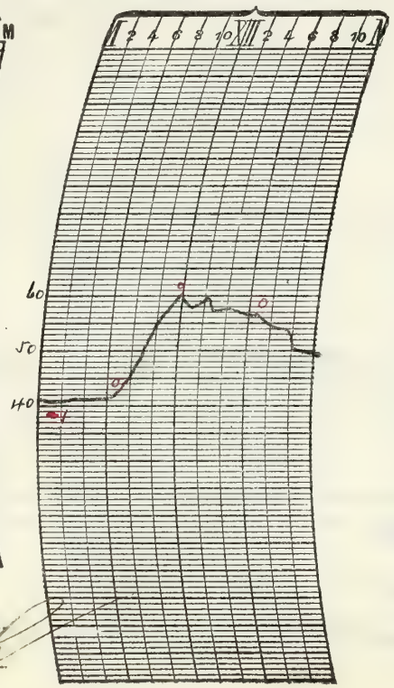


Prepared by J. S. Barry
Verified by J. M. Kimmerly

8—486

* Sun shining through detached clouds

NOTES.

Increasing cloudiness and rising temperature with light rain in the afternoon. Fresh southerly winds in the late forenoon and afternoon.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 4 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	47	47	47	46	46	48	49	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)							0	*0.4	*0.4	0	*0.5	0
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	15	16	15	15	13	13	14	13	13	13	9	8

Sunrise: Time, 6:16 Character, Cloudy
Moonrise: 7:04 AM.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	50	50	48	47	47	46	46	45	43	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	6	4	3	6	5	5	6	5	6	7	5

Sunset: Time, 4:34 Character, Cloudy
Moonset: 4:04 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

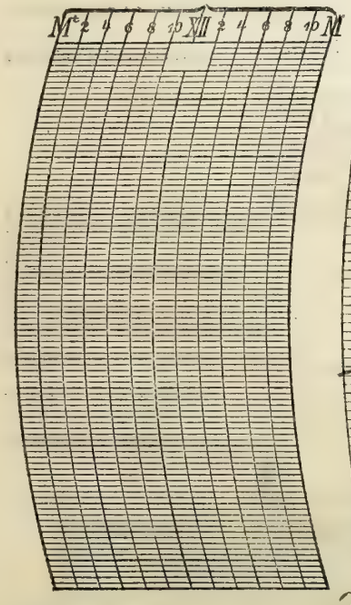
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	41	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.3 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 13
Prevailing wind direction, NW Total wind 222
Average hourly velocity, 9.2 Extreme velocity, 25
Maximum velocity, 19 Direction, W
Time began, 1:31 am.
Reduced barometer, 30.17 7 a. m. 30.32 7 p. m.
River gage, 2.2 7 a. m. 7 p. m.
Relative humidity, 76 7 a. m. 78 7 p. m.

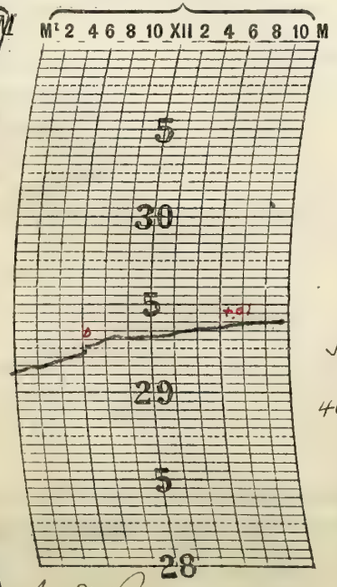
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 49.0 Wet temperature, 45.4
Dew-point, 42 R. humidity, 76 V. pressure, 266
Clouds: Amount, 10; Kind, St-Cu; Direction, N
Velocity of clouds (miles per hour)

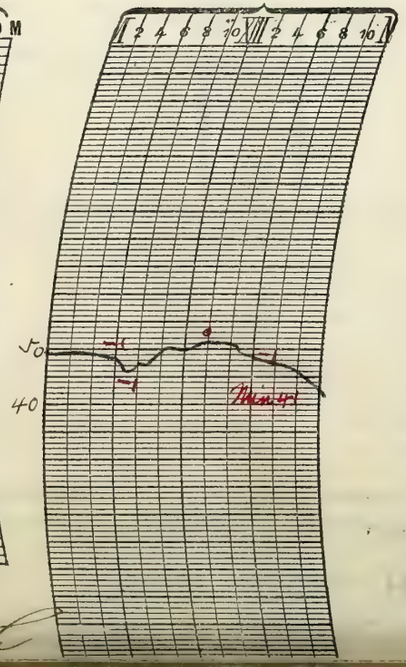
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Baker
P. McDonough

*. Sun shining through detached clouds.

NOTES.

Cloudy with moderate temperature.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 5 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	37	37	36	37	43	46	50	50	50	52	53	54	52	49	47	47	45	44	41	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)							0.7 0	0.3 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E
Wind movement	4	3	3	1	1	3	5	6	8	8	8	7	7	9	7	5	5	5	5	5	5	4	5	4
Maximum velocities (exceeding 49 miles) direction and time																								

Sunrise: Time, 6:17; Character, Clear

Moonrise: 8:01 AM

Sunset: Time, 4:32; Character, Cloudy

Moonset: 5:36 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	36	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 9.3 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 91

Prevailing wind direction, E Total wind 123

Average hourly velocity, 5.1 Extreme velocity, 12

Maximum velocity, 12 Direction, E

Time began, 10:33 a.m.

Reduced barometer, 30.42 7 a. m. 30.36 7 p. m.

River gage, 22 ft.

Relative humidity, 88 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

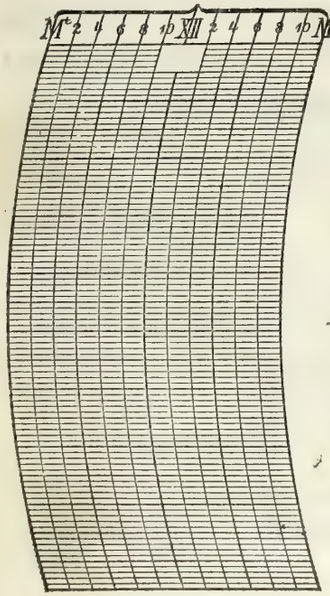
Dry temperature, 51.2 Wet temperature, 44.8

Dew-point, 38 R. humidity, 61 V. pressure, .228

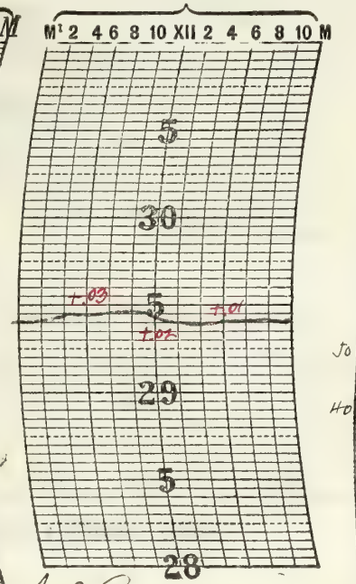
Clouds: Amount, Few; Kind, A St.; Direction, SW

Velocity of clouds (miles per hour)

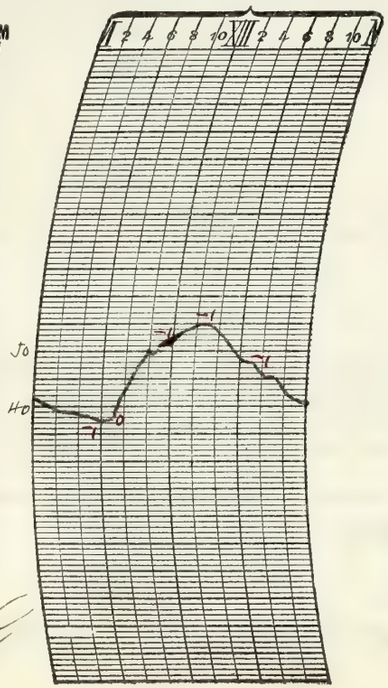
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A noon special was ordered by the Central Office. Clear with moderate temperature. A very fine day.

Prepared by A. H. Barker

Verified by C. M. Hinsch

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 6 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	37	36	35	37	38	46	50	55	59	61	64	65	65	63	60	59	58	55	53	53	52	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)							0.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.2 0							
Wind direction	E	SE	E	E	E	E	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	2	3	2	3	3	3	6	6	7	8	9	8	8	10	9	8	6	7	8	8	9	13	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:18; Character, Clear
Moonrise: 8:55 a.m.
Sunset: Time, 4:31; Character, Clear
Moonset: 6:25 p.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

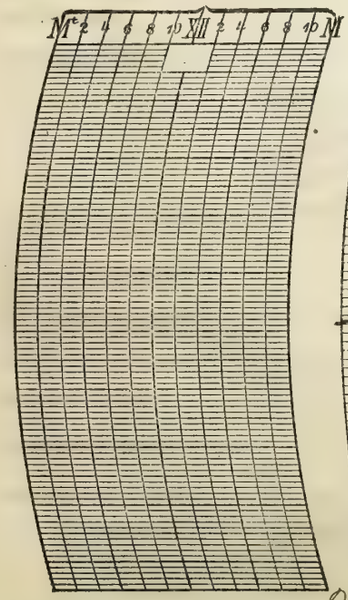
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	35		

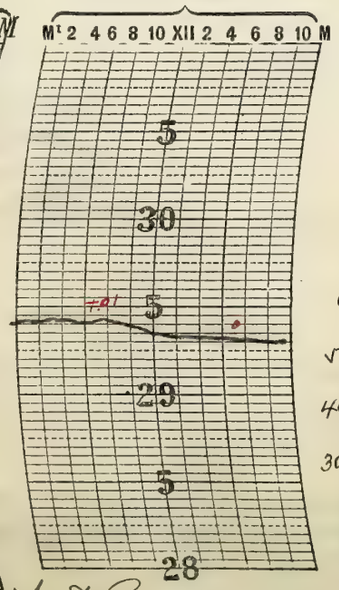
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 164
Average hourly velocity, 6.8 Extreme velocity, 15
Maximum velocity, 14 Direction, S
Time began, 9:27 p.m.
Reduced barometer, 30.37 7 a. m., 30.24 7 p. m.
River gage, 21 ft.
Relative humidity, 79 7 a. m., 47 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 61.0 Wet temperature, 50.8
Dew-point, 42 R. humidity, 49 V. pressure, .266
Clouds: Amount, 0; Kind, 0; Direction,
Velocity of clouds (miles per hour)

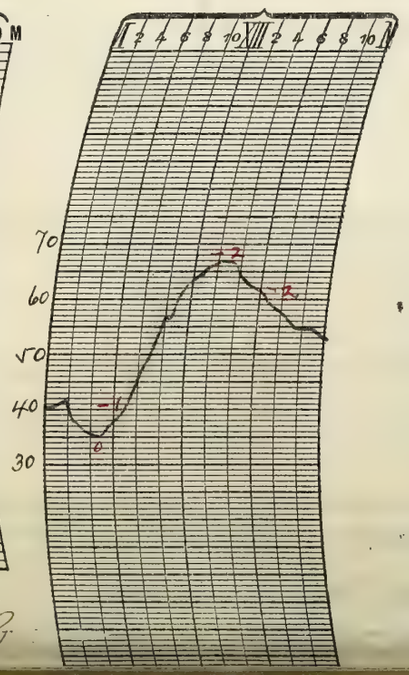
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Fair, clear day, with pleasant temperature

Prepared by J. S. Baker
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 7 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	47	47	49	49	50	53	56	58	59	60	61	60	59	58	55	55	55	55	55	55	52
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:00	RE 6:05					
Amounts of precipitation																		.02	T					
Cloudiness and other conditions													← Cloudy →											
Sunrise: Time, 6:10; Character, Cloudy																					Sunset: Time, 4:30; Character, Cloudy			
Moonrise: 9:45 a.m.																					Moonset: 7:19 P.M.			
Sunshine (in tenths of hours)							0	0	0	0	0.3		0	0	0	0	0							
Wind direction	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SE	SE	E	S	S	S	S	S	S
Wind movement	8	8	7	9	10	10	9	9	9	10	12	12	12	8	6	5	6	7	10	7	10	8	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

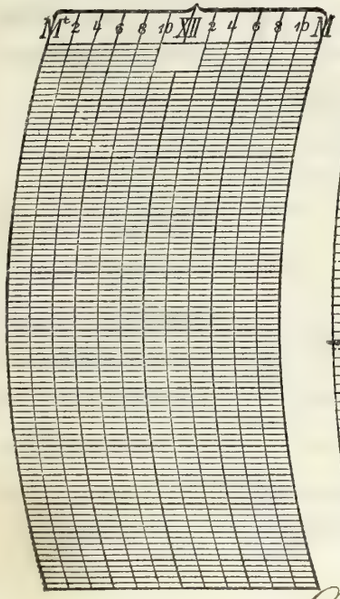
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	47	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 11
Actual sunshine, hours, 0.8 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 8
Prevailing wind direction, SW Total wind 206
Average hourly velocity, 8.6 Extreme velocity, 23
Maximum velocity, 20 Direction, SW
Time began, 6:07 pm.
Reduced barometer, 30.26, 7 a. m. 30.19, 7 p. m.
River gage, 2.1 ft
Relative humidity, 73, 7 a. m. 75, 7 p. m.

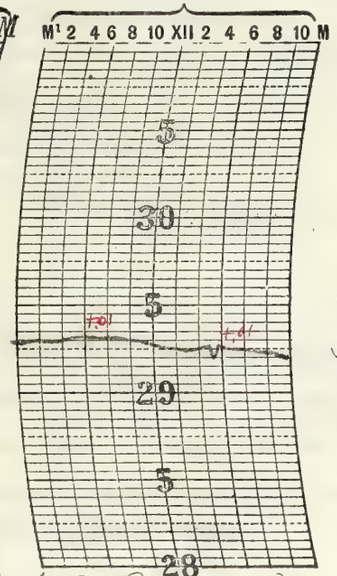
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 51.0
Dew-point, 44 R. humidity, 57 V. pressure, .287
Clouds: Amount, 10; Kind, Ast.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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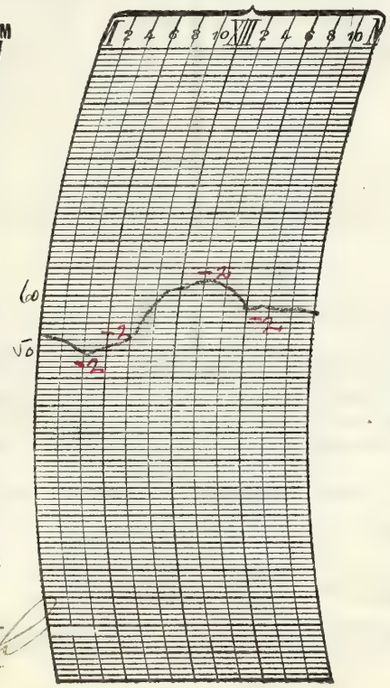


Prepared by N. S. Pease
Verified by P. McDonough

8—486

○ Sun shining through dist. clouds

NOTES.

Moderate temperature and cloudy, with light rain in the evening.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 8 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	52	53	53	53	53	54	54	53	53	54
State of weather: Nature of precipitation and time of beginning and ending	✓	RB H.N	–	–	–	–	–	RE 7:30	RB 8:50	–	–	–
Amounts of precipitation		T	.01	.01	.02	T	.02	T	T	.08	.13	.07
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character	6:2 Cloudy											
Moonrise	10:31 am											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	SE	S	S	SE	S	S	S	S	S	S
Wind movement	7	9	6	8	9	8	7	9	8	9	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	56	56	56	57	58	57	57	57	56	55
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	RE 4:15					RB H.N.	–	–
Amounts of precipitation	.12	.08	.01	T	T					.02	.14	.10
Cloudiness and other conditions												
Sunset: Time, Character									4:29 Cloudy			
Moonset									8:18 pm.			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	10	6	8	8	5	7	10	14	14	17	15	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

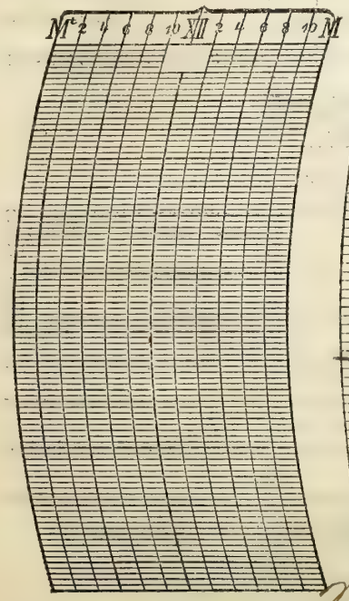
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	52	55	

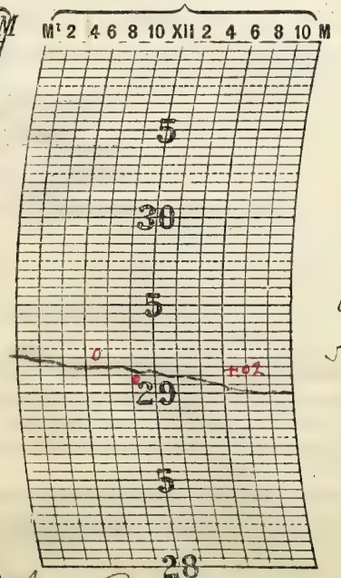
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .49 ins.
Total precipitation, midnight to midnight, .81 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 226
Average hourly velocity, 9.4 Extreme velocity, 24
Maximum velocity, 22 Direction, S
Time began, 9:55 pm.
Reduced barometer, 30.06, 7 a. m. 29.96, 7 p. m.
River gage, 2.1 ft.
Relative humidity, 84, 7 a. m. 84, 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.m.
(Local Mean Time.)
Dry temperature, 54.2 Wet temperature, 53.7
Dew-point, 53 R. humidity, 97 V. pressure, .402
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

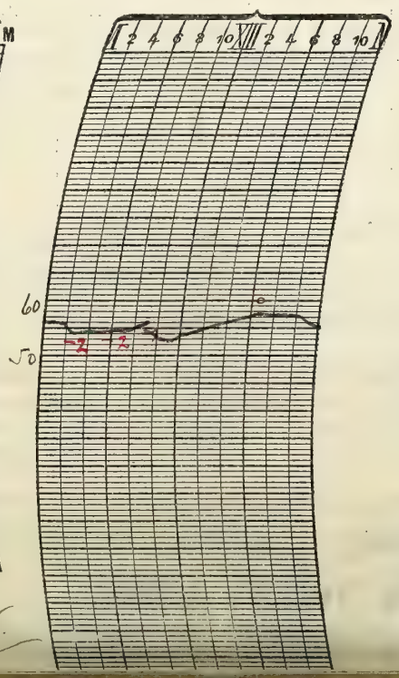
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with rain. Moderately warm, but day rather unpleasant

Prepared by A. S. Baker

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Saturday, (Date) NOV 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	52	50	49	48	47	46	46	47	48	50
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	RE H.N.								
Amounts of precipitation	.08	.01	.01	T								
Cloudiness and other conditions						Clear		Pt. Cloudy			Cloudy	
Sunrise: Time, Character	6:22 Cloudy											
Moonrise:	–	–	–	–								
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	8	8	10	10	8	9	10	12	15	17	20	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	45	44	42	42	41	41	41	41	41	41
State of weather: Nature of precipitation and time of beginning and ending							RE 6:20	–	RE H.N.			
Amounts of precipitation							T	T	T			
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character									4:28 Cloudy			
Moonset:									9:21 PM			
Sunshine (in tenths of hours)	1.6	0	0	0	0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	23	20	18	16	14	13	13	12	8	9	7

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .36 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 4.6 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 46

Prevailing wind direction, W Total wind 322

Average hourly velocity, 13.4 Extreme velocity, 29

Maximum velocity, 26 Direction, W

Time began, 1:48 pm.

Reduced barometer, 29.97 7 a. m. 30.15 7 p. m.

River gage, 3.3 ft.

Relative humidity, 93 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm.
(Local Mean Time.)

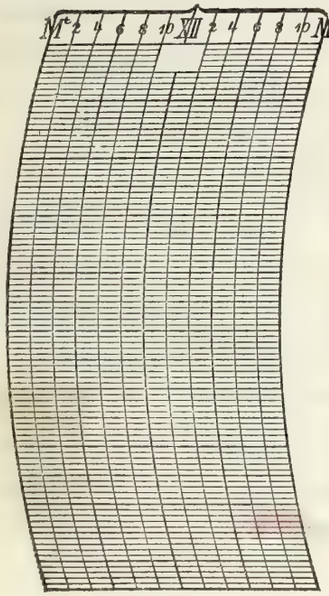
Dry temperature, 49.0 Wet temperature, 41.9

Dew-point, 34 R. humidity, 54 V. pressure, .195

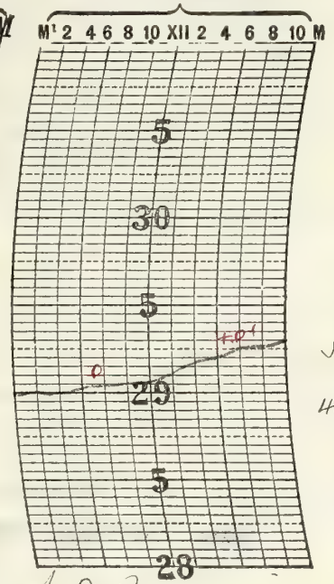
Clouds: Amount, 4; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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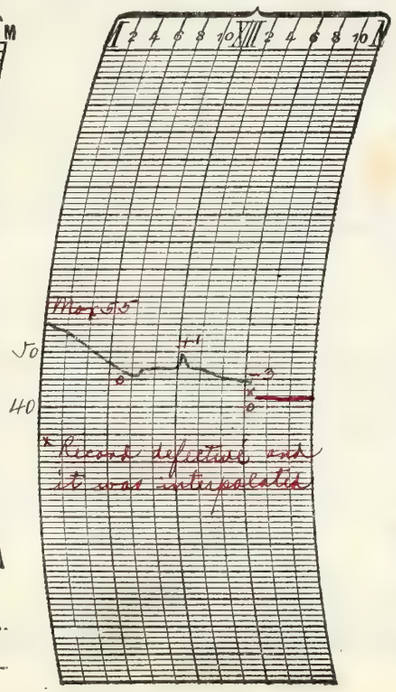


NOTES.

The rain continued from the 8th ended in the early morning. Increasing Cloudiness from the a. m. observation with light rain beginning at 6:20 pm and ending during the late night. Falling temperature; quite cool and unpleasant. Rising pressure with increasing westerly winds.

Prepared by N. S. Bagter

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 10 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	40	40	40	40	39	40	40	40	40
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy —					— Pt.	
Sunshine (in tenths of hours)							0	0	0	0	0.3	0.8
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	8	7	7	6	5	5	5	4	5	4	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	45	44	42	41	39	38	37	37	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Cloudy —					— Clear					
Sunshine (in tenths of hours)	1.0	0.9	0.9	0.6	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	2	3	3	2	1	2	5	4	4	4	4	4

Sunrise: Time, 6:23; Character, Cloudy. Moonrise: — — —

Sunset: Time, 4:27; Character, Cloudy. Moonset: 10:27 P.M.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

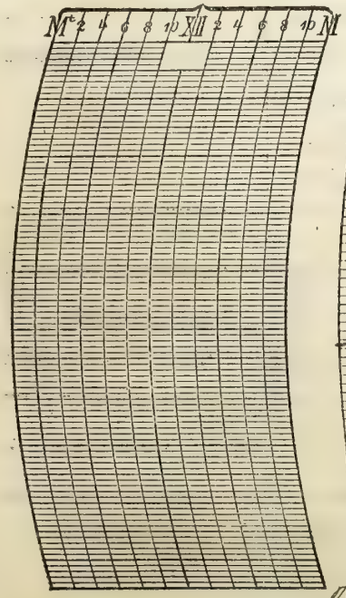
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	36	42	

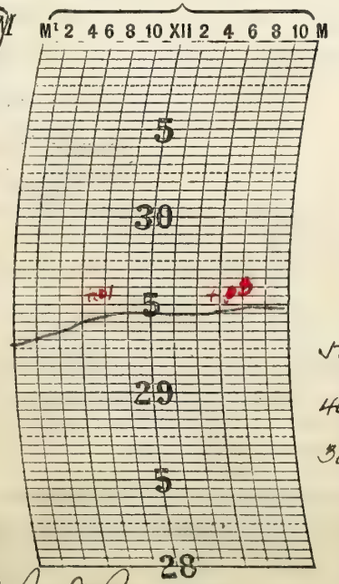
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy; Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.5; Possible sunshine, hours, 10.1
Per cent of possible sunshine, 45
Prevailing wind direction, W; Total wind 105
Average hourly velocity, 4.4; Extreme velocity, 10
Maximum velocity, 10; Direction,
Time began, 1:33 pm
Reduced barometer, 30.37 7 a. m. 30.43 7 p. m.
River gage, 4.3 ft
Relative humidity, 68 7 a. m. 68 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 45.0; Wet temperature, 38.2
Dew-point, 29; R. humidity, 53; V. pressure, 157
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

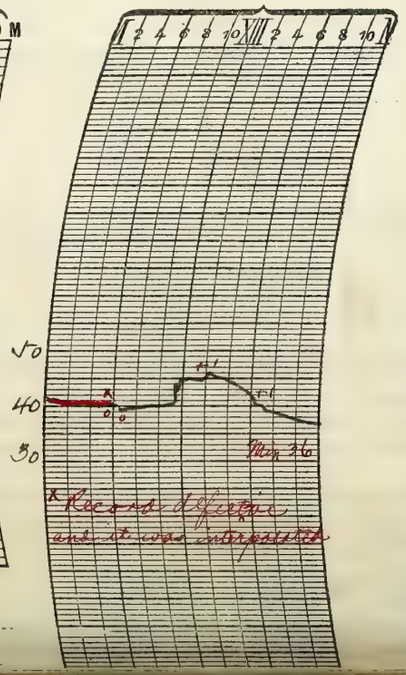
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool, with decreasing cloudiness.
Night—clear with moderate moonlight.

Prepared by D. G. Baker
Verified by D. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 1 1 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	34	33	32	33	34	38	41	43	43	44	45	45	45	44	42	41	39	38	37	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt. Cloudy								Clear											
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8 / 0.2	0.4 / 0							
Wind direction	W	O	W	W	O	W	W	O	W	W	W	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	1	0	2	1	0	1	2	0	2	3	3	5	4	4	4	5	2	4	3	3	4	4	5	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:24; Character, Cloudy. Moonrise: 12:18 P.M.

Sunset: Time, 4:26; Character, Clear. Moonset: 11:34 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

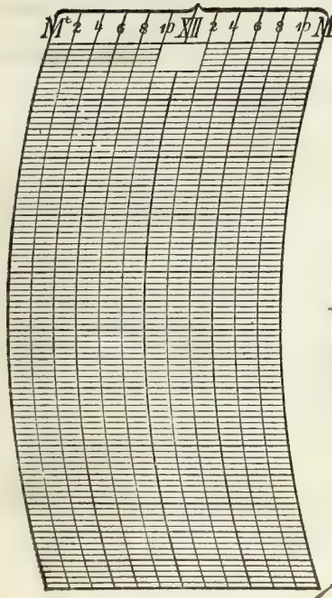
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	32	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase, First quarter 10:46 am
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.2. Possible sunshine, hours, 10.0
Per cent of possible sunshine, 82
Prevailing wind direction, S. Total wind 64
Average hourly velocity, 2.7. Extreme velocity, 6
Maximum velocity, 6. Direction, S
Time began, 11:38 am
Reduced barometer, 30.48 7 a. m. 30.38 7 p. m.
River gage, 3.3 ft.
Relative humidity, 90 7 a. m. 66 7 p. m.

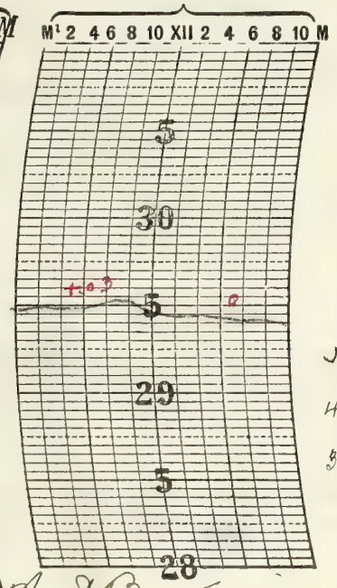
OBSERVATIONS AT ~~12 NOON~~ 12:38 PM
(Local Mean Time.)

Dry temperature, 44.0. Wet temperature, 38.5
Dew-point, 31. R. humidity, 61. V. pressure, .172
Clouds: Amount, 3; Kind, Cu; Direction, SE
Velocity of clouds (miles per hour)

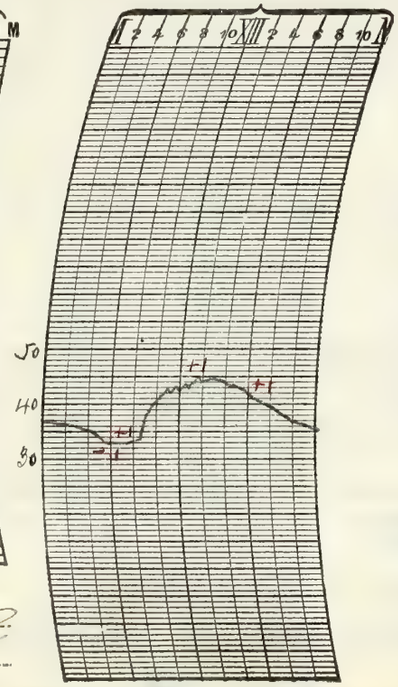
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker

Verified by C. M. Hourigh

8—486

NOTES.

Partly Cloudy in the early morning but decreasing Cloudiness ~~of the~~ due to rotation, the day being mostly Clear and also the night. Moonlight at night. Cool and breezy.

The industrial business of the City suspended, and the population turned out en masse and celebrated the signing of the Armistice by parading, music and otherwise, from early morning until late night.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 12 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	35	34	33	33	34	37	42	45	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt Cloudy					Clear	
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	2	1	0	0	3	3	4	6	7	10	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	53	52	51	49	46	43	42	40	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		Clear		Pt Cloudy		Clear					
Sunshine (in tenths of hours)	0.5	0.9	1.0	0.7	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	11	10	8	7	7	5	4	6	6	10

Sunrise: Time, 6:25 Character, Cloudy

Moonrise: 12:50 P.M.

Sunset: Time, 4:25 Character, Cloudy

Moonset: — — —

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	33	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 6.7 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 67

Prevailing wind direction, S-SW Total wind 153

Average hourly velocity, 6.4 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 2:20 p.m.

Reduced barometer, 30.31 7 a. m. 30.16 7 p. m.

River gage, 8.1 ft.

Relative humidity, 85 7 a. m. 71 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 238 p.m.
(Local Mean Time.)

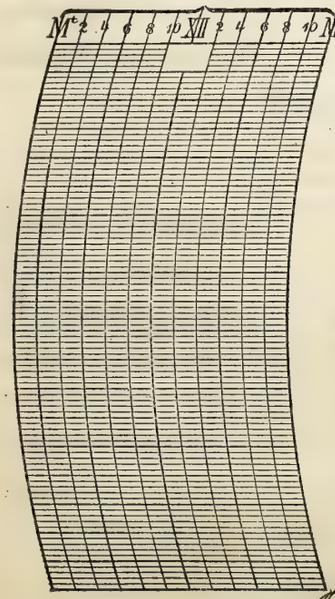
Dry temperature, 49.2 Wet temperature, 42.1

Dew-point, 34 R. humidity, 55 V. pressure, .195

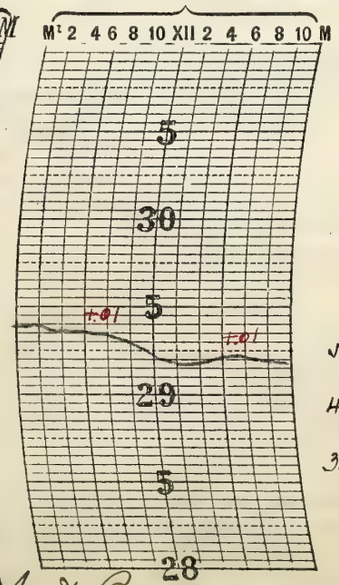
Clouds: Amount, 2.6; Kind, Ast St Cu; Direction, SW

Velocity of clouds (miles per hour)

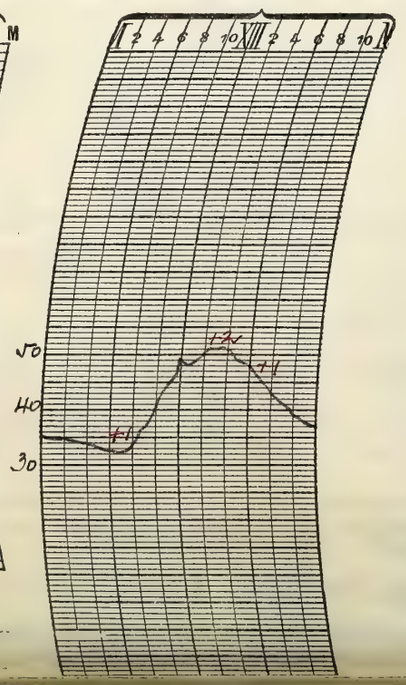
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly Cloudy, Cool and Hazing.
Moonlight at night.

Prepared by A. S. Baker

Verified by P. McAmore

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 13 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	36	36	35	34	37	38	41	43	44	48	49	49	48	47	44	42	41	40	37	37	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)							0.7 / 0	0.9 / 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 / 0.6	0.42 / 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	9	9	10	10	10	9	9	12	11	13	13	15	15	14	13	9	6	3	4	3	0	3	1
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 6:26 Character, Clear
Moonrise: 1:20 P.M.
Sunset: Time, 4:25 Character, Clear
Moonset: 12:44 A.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

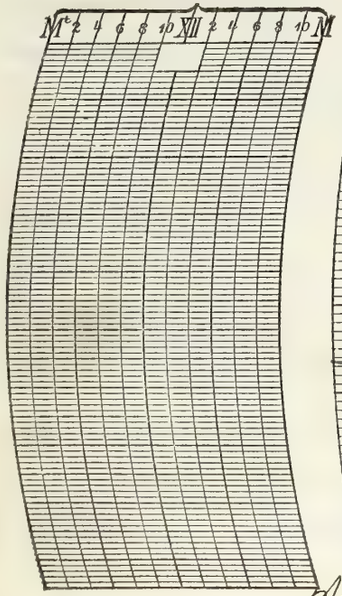
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	33	41	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 209
Average hourly velocity, 8.7 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 1:11 p.m.
Reduced barometer, 30.10, 7 a. m. 30.09, 7 p. m.
River gage, 29 ft.
Relative humidity, 78, 7 a. m. 55, 7 p. m.

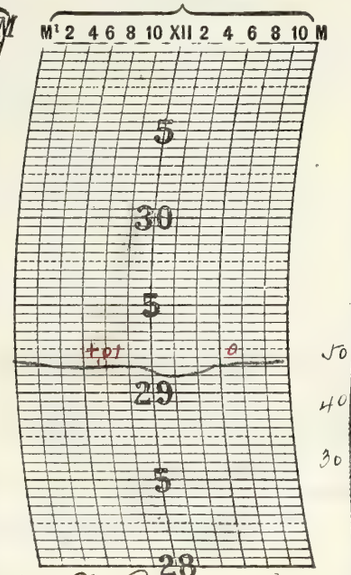
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 45.8 Wet temperature, 38.7
Dew-point, 29 R. humidity, 52 V. pressure, .157
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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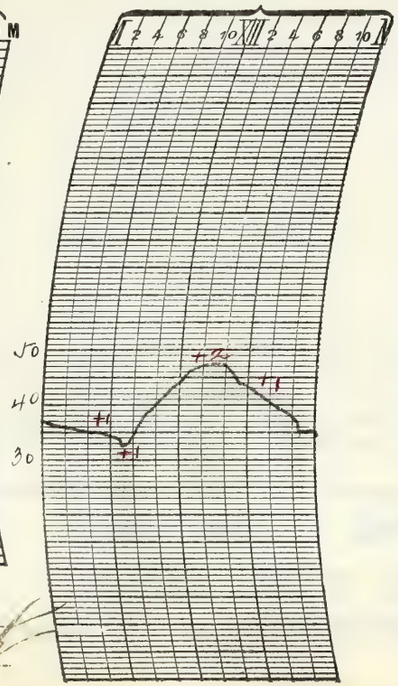


NOTES.

Clear and pleasant with moonlight at night.

Prepared by N. S. Baker
Verified by P. McGinnis

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 14 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	32	30	30	32	34	41	45	50	57	59	60	60	60	58	55	52	50	49	49	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0.5 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.40 0							
Wind direction	W	O	O	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	0	0	1	3	2	1	2	2	5	5	7	9	11	12	10	8	10	9	10	10	11	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 6:28 Character, Clear
Moonrise: 152 P.M.

Sunset: Time, 4:24 Character, Clear
Moonset: 106 AM

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

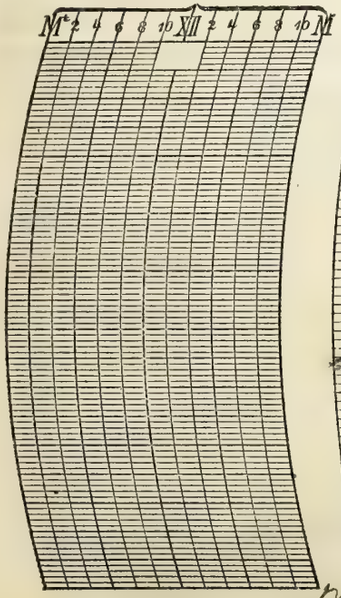
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	30	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 0
Actual sunshine, hours, 9.9 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 117
Average hourly velocity, 6.1 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 2:14 pm.
Reduced barometer, 30.16 7 a. m. 30.09 7 p. m.
River gage, 2.6 ft
Relative humidity, 85 7 a. m. 45 7 p. m.

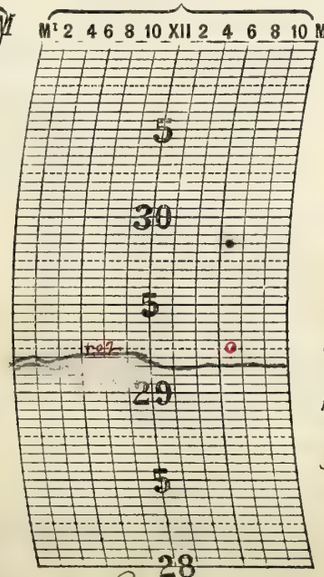
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 45.2
Dew-point, 33 R. humidity, 41 V. pressure, .187
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

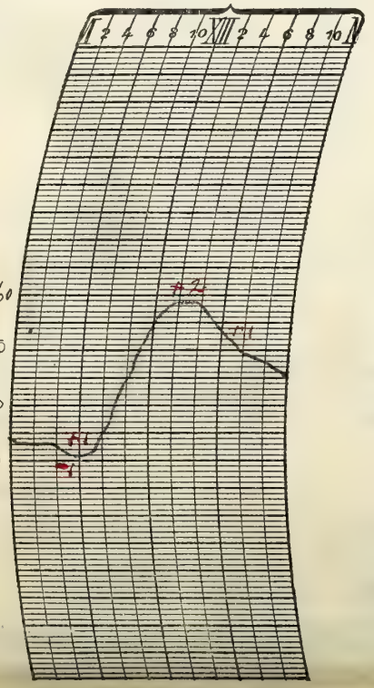
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mild temperature with clear weather. Moonlight at night

Prepared by W. S. Baker.
Verified by O. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 15 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	43	43	42	44	46	48	51	53	55	58	58	59	58	57	56	55	54	54	54	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt. Cloudy						Cloudy											
Sunshine (in tenths of hours)							0	0	0.2	0	0	0	0.2	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	8	8	9	9	8	7	5	5	7	9	10	9	10	8	8	7	8	10	9	8	6	8	5	6
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 6:29 Character, Cloudy

Moonrise: 2:27 P.M.

Sunset: Time, 4:23 Character, Cloudy

Moonset: 3:40 AM

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 4

Prevailing wind direction, SW Total wind 187

Average hourly velocity, 7.8 Extreme velocity, 16

Maximum velocity, 15 Direction, SW.

Time began, 12:52 p.m.

Reduced barometer, 30.09 7 a. m. 30.03 7 p. m.

River gage, 2.1 ft.

Relative humidity, 69 7 a. m. 54 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 p.m.
(Local Mean Time.)

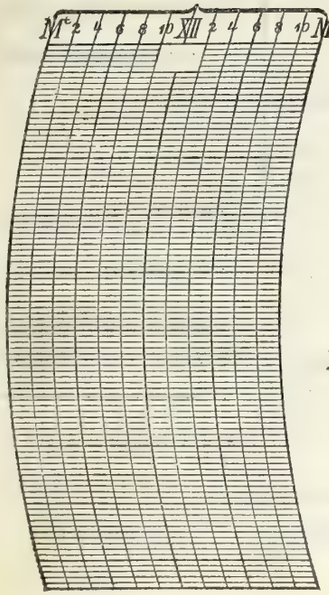
Dry temperature, 56.4 Wet temperature, 47.2

Dew-point, 38 R. humidity, 50 V. pressure, .228

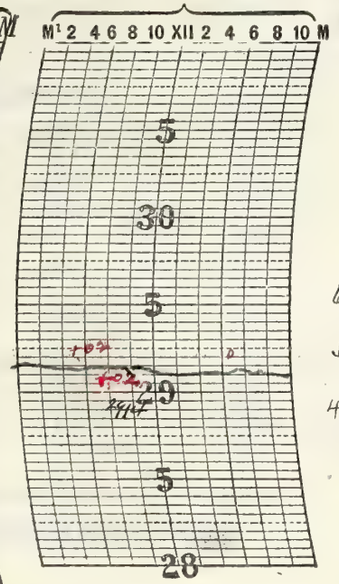
Clouds: Amount, 4; Kind, Ast. Strat.; Direction, NW SW

Velocity of clouds (miles per hour)

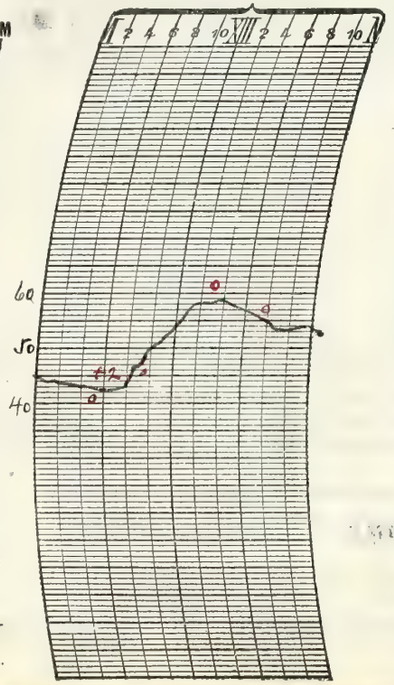
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



o Sun shining through A. St. Clouds.

NOTES.

Increasing Cloudiness during the day, and Cloudy at night. Moderate Temperature.

Prepared by W. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 16 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	54	54	53	52	50	51	51	53	54
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10	–	–	–	–	–
State of weather: Amounts of precipitation							.02	.02	.02	.02	.02	.05
State of weather: Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	SE	SE	S
Wind movement	10	11	9	11	10	8	7	9	9	11	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	51	58	58	58	58	58	58	58	58
State of weather: Nature of precipitation and time of beginning and ending	–	–			RE 4:15					RB 9:20	RE 10:30	
State of weather: Amounts of precipitation	.09	.08	T	T	T					.04	T	
State of weather: Cloudiness and other conditions	Cloudy					Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	10	9	5	4	8	10	12	10	12	15	11	12

Sunrise: Time, 6:30; Character, Cloudy. Moonrise: 3:05 P.M.

Sunset: Time, 4:22; Character, Cloudy. Moonset: 4:25 A.M.

Maximum velocities (exceeding 29 miles) direction and time

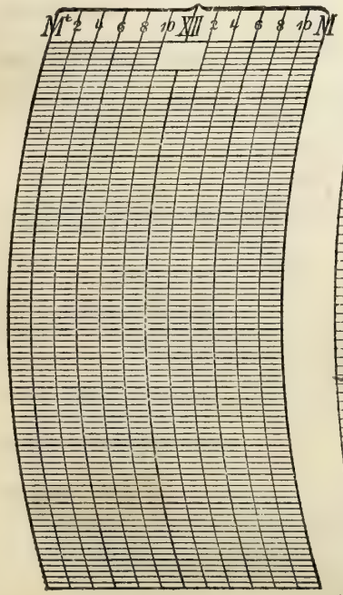
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	50	54	

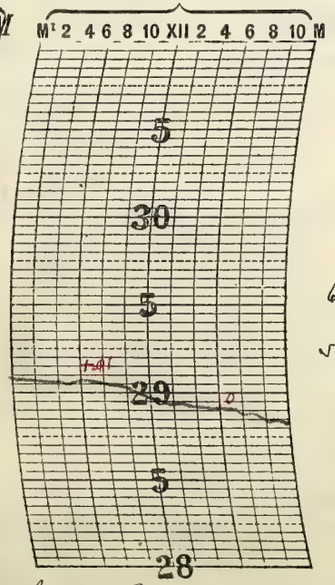
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .32 ins.
Total precipitation, midnight to midnight, .36 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind 235
Average hourly velocity, 9.8 Extreme velocity, 19
Maximum velocity, 17 Direction, S
Time began, 9:37 P.M.
Reduced barometer, 30.00, 7 a. m. 29.82, 7 p. m.
River gage, 2.3 ft.
Relative humidity, 69, 7 a. m. 77, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 53.0 Wet temperature, 52.2
Dew-point, 51 R. humidity, 95 V. pressure, .373
Clouds: Amount, 10; Kind, Nb; Direction, S.
Velocity of clouds (miles per hour)

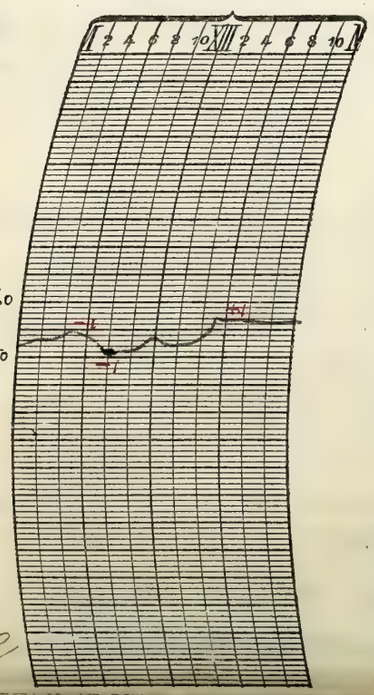
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and unsettled with light rain. Mild temperature

Prepared by A. J. Baker

Verified by P. McDonough

R—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 17 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	56	56	56	57	59	61	63	65
State of weather: Nature of precipitation and time of beginning and ending		RB AN	—	—	—	RE AN						
Amounts of precipitation		.01	.03	.25	.03	T						
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	6:31 Cloudy											
Moonrise	350 P.M.											
Sunshine (in tenths of hours)							0	*0.2	*0.6	*0.6	*0.9	*1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	10	9	8	3	4	8	6	7	8	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	53	55	56	56	56	55	54	54	53	52	50
State of weather: Nature of precipitation and time of beginning and ending	RB 12:40	RE 1:30					RB 6:37	RE 7:10				
Amounts of precipitation	.03	.02					T	T				
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character									4:21 Cloudy			
Moonset									542 A.M.			
Sunshine (in tenths of hours)	*0.4	0	*0.8	0	0							
Wind direction	S	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	13	9	6	5	5	5	8	9	11	11	11	14

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

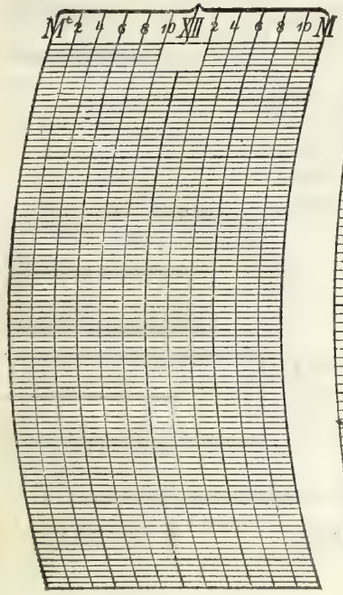
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	50	58	

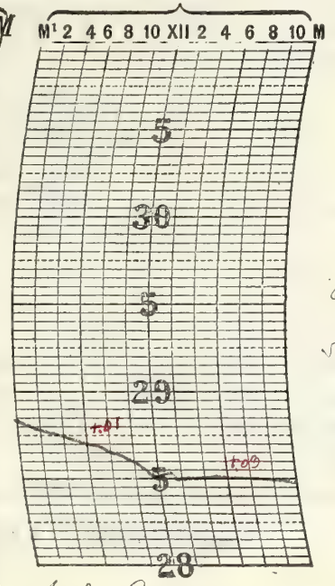
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .36 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.5 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 46
Prevailing wind direction, SE Total wind 199
Average hourly velocity, 8.3 Extreme velocity, 20
Maximum velocity, 16 Direction, S
Time began, 12:16 p.m.
Reduced barometer, 29.60 7 a. m. 29.44 7 p. m.
River gage, 2.7 ft.
Relative humidity, 94 7 a. m. 88 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 65.0 Wet temperature, 59.0
Dew-point, 55 R. humidity, 70 V. pressure, .432
Clouds: Amount, 8; Kind, Cu.; Direction, SW
Velocity of clouds (miles per hour)

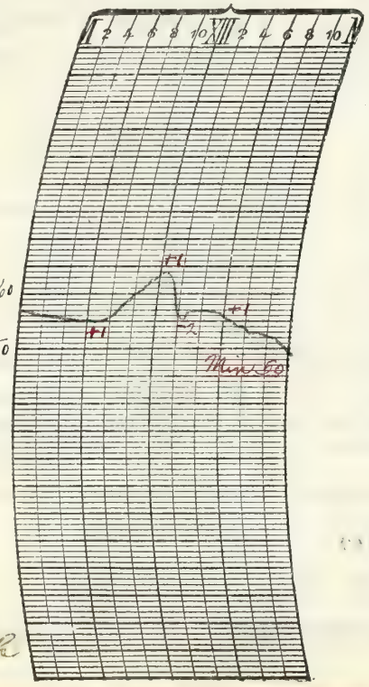
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Baker
Verified by P. McDonough

8—486

* Sunshining through detached clouds.

NOTES.

Rainbow observed at 1:25 p.m.
Mild, cloudy and unsettled with rain.
First thunder heard at 12:40 p.m.; last heard at 1:20 p.m.; storm came from the west and was of moderate intensity.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 18 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	46	44	44	44	44	44	44	46	48
State of weather: Nature of precipitation and time of beginning and ending				R 13 H.N.	–	–	–	–	–	–	–	–
Amounts of precipitation				T	.01	T	T	.02	T	.02	T	.01
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:32 Cloudy											
Moonrise:	4:42 P.M.											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	13	12	13	13	13	15	14	15	14	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	46	44	42	41	41	40	39	38	37
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation	T	T	T	T	.01	T	.01	T	.01	.01	.01	T
Cloudiness and other conditions												
Sunset: Time, Character,									4:20 Cloudy			
Moonset:									6:53 A.M.			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	12	12	18	15	17	20	18	21	19	21	20	20

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

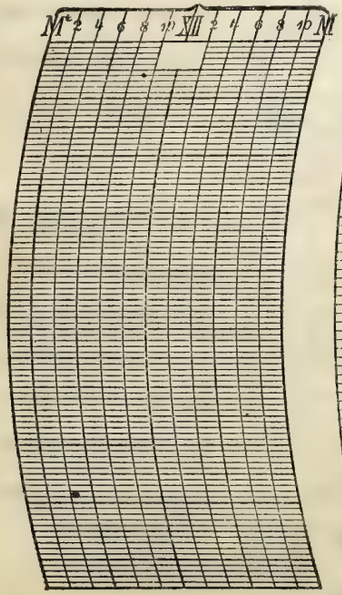
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	37	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m.; .01 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase, Full moon 1:33 am
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 378
Average hourly velocity, 15.8 Extreme velocity, 32
Maximum velocity, 26 Direction, W
Time began, 7:44 p.m.
Reduced barometer, 29.38 7 a. m. 29.42 7 p. m.
River gage, 4.3 ft
Relative humidity, 95 7 a. m. 96 7 p. m.

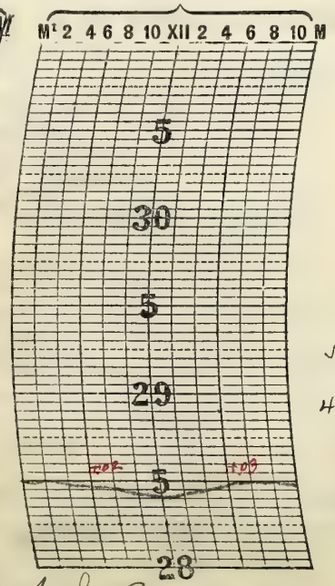
OBSERVATIONS AT ~~12 NOON~~. 12:38 p.m.
(Local Mean Time.)

Dry temperature, 47.2 Wet temperature, 46.7
Dew-point, 46 R. humidity, 96 V. pressure, .310
Clouds: Amount, 10; Kind, NB; Direction, S
Velocity of clouds (miles per hour)

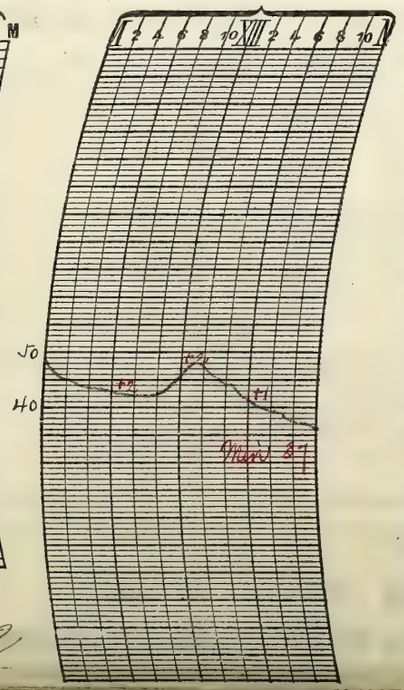
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and Cloudy with rain, quite disagreeable weather

Prepared by A. S. Baker.
Verified by P. McGonnagh

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 1 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	35	35	36	36	36	37	39	39	41	42	43	43	43	42	41	41	41	41	41	41	41
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	RE 10:25	RE 11:30	RE 12:25	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation	.01	T	.01	.04	.02	T	T	T	T	T	T	T	T	T	T	T	T	.01	.01	T	T	T	T	T
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	W	SW	SW	SW	SW	W	W	SW	SW	W	SW	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	19	19	19	19	17	19	19	19	19	20	19	18	18	17	18	18	20	18	18	17	15	15	14	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:33; Character, Cloudy. Moonrise: 5:41 PM.

Sunset: Time, 4:20; Character, Cloudy. Moonset: 8:33 AM.

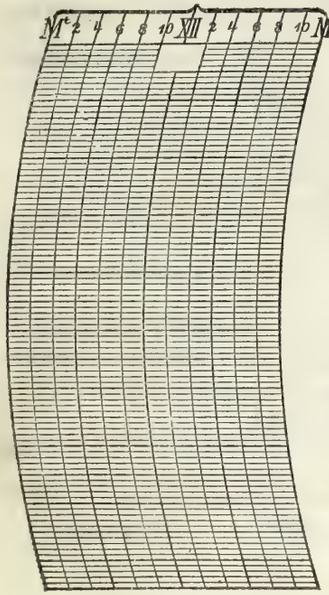
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	35	39	

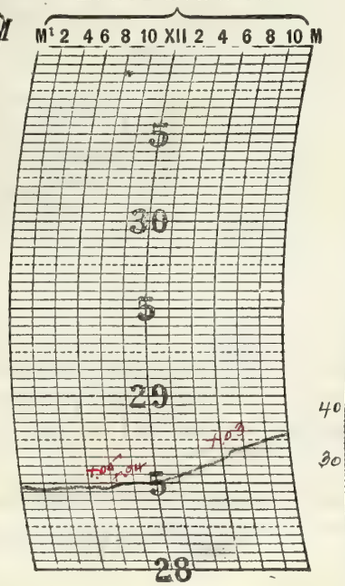
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 428
Average hourly velocity, 17.8 Extreme velocity, 25
Maximum velocity, 24 Direction, SW.
Time began, 9:25 am
Reduced barometer, 29.44 7 a. m. 29.63 7 p. m.
River gage, 4.9 ft
Relative humidity, 95 7 a. m. 96 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 PM
(Local Mean Time.)
Dry temperature, 41.0 Wet temperature, 39.0
Dew-point, 37 R. humidity, 84 V. pressure, .219
Clouds: Amount, 10; Kind, Sc Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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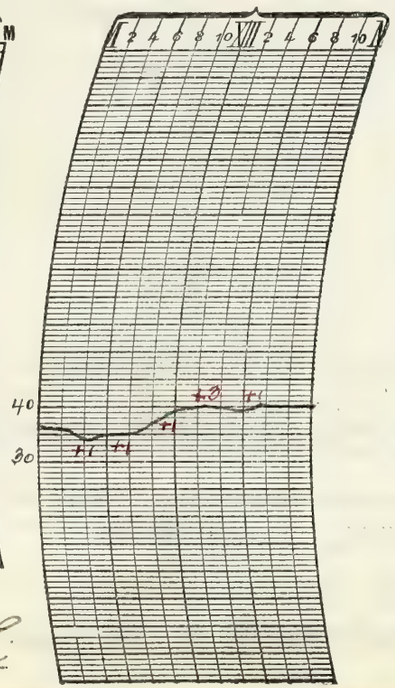


NOTES.

Cool and cloudy with light rain

Prepared by N. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 20 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	40	39	39	40	41	41	43	43	43	44	44	44	43	42	41	39	39	39	38	37	37
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	RE 6:25																	
Amounts of precipitation	T	T	T	T	T	T	.01																	
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, Character	6:35 Cloudy																							
Moonrise	6:45 P.M.																							
Sunset: Time, Character																					4:19 Cloudy			
Moonset																					903 A.M.			
Sunshine (in tenths of hours)							0	0	*0.3	*0.4	*0.8	*0.4	*0.3	*0.2	0	0	0							
Wind direction	W	NW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	12	13	11	9	9	10	10	12	12	12	12	11	9	9	9	8	8	8	7	7	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	37	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 25
Prevailing wind direction, NW Total wind 233
Average hourly velocity, 9.7 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 12:31 am
Reduced barometer, 29.90 7 a. m. 30.08 7 p. m.
River gage, 5.0 ft.
Relative humidity, 92 7 a. m. 82 7 p. m.

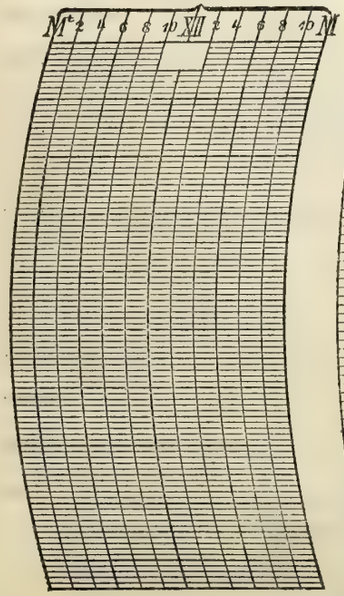
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

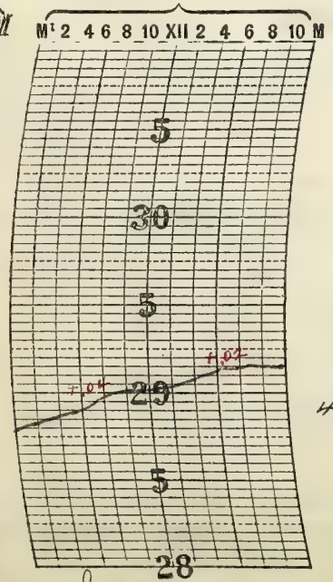
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 43.2 Wet temperature, 39.5
Dew-point, 35 R. humidity, 72 V. pressure, .203
Clouds: Amount, 9; Kind, St-Cu; Direction, NW
Velocity of clouds (miles per hour)

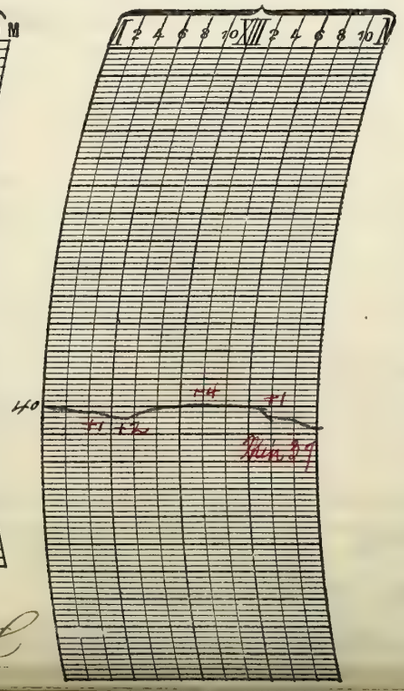
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. A. Baker
Verified by P. McDonough

8—486

* Sun shining through detached clouds.

NOTES.

The light rain that continued from the 19th ended at 6:25 am.
Cloudy, cool, and unpleasant weather.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 21 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	38	38	38	38	38	38	38	38	38	38	37	37	37	37	37	37	35	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending												Snow 11:25	Snow 12:10p Snow 12:40	–	–	–	–	–	–	–	Snow 8:30			
Amounts of precipitation												T	T	T	T	T	T	T	T	T	T			
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	5	5	6	6	5	5	7	7	8	8	9	8	8	7	7	7	7	8	6	6	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:36; Character, Cloudy. Moonrise: 7:52 P.M.

Sunset: Time, 4:18; Character, Cloudy. Moonset: 9:53 A.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

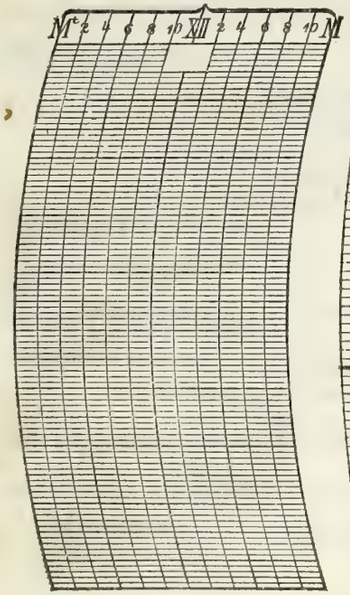
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	35	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 157
Average hourly velocity, 6.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 11:34 am
Reduced barometer, 30.15, 7 a. m. 30.21, 7, p. m.
River gage, 4.4 ft.
Relative humidity, 83, 7 a. m. 95, 7 p. m.

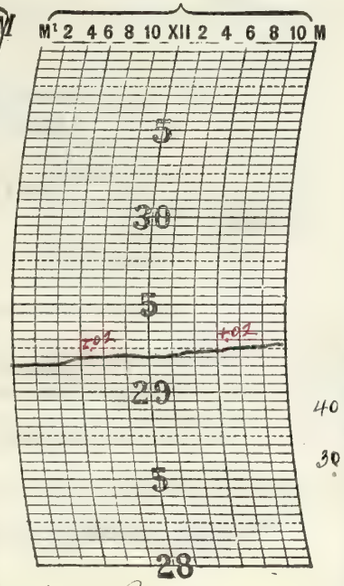
OBSERVATIONS AT ~~12 NOON~~ 12:38 PM
(Local Mean Time.)

Dry temperature, 36.3 Wet temperature, 34.8
Dew-point, 32 R. humidity, 87 V. pressure, .180
Clouds: Amount, 10; Kind, Sc.Cu.; Direction, NW
Velocity of clouds (miles per hour)

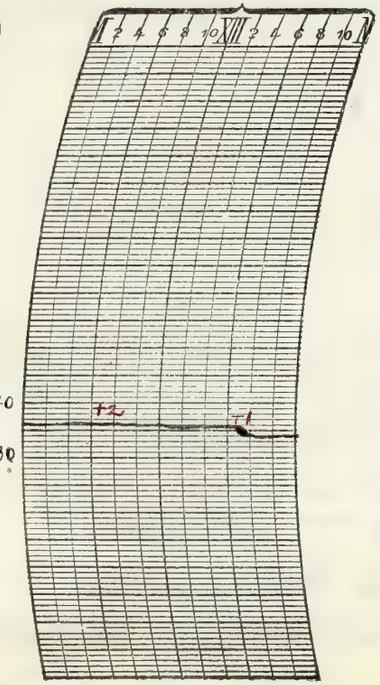
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and Cloudy, with light snow which melted as it reached the ground.

Prepared by J. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 22 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	34	34	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy				H. Cloudy		
Sunrise: Time, 6:37 Character, Cloudy												
Moonrise: 8:51 P.m.												
Sunshine (in tenths of hours)							0	0	0	0.4	0.3	0.3
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	6	7	7	5	5	4	7	7	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	34	34	34	33	33	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunset: Time, 4:14 Character, Cloudy												
Moonset: 10:33 a.m.												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	10	7	8	8	6	6	8	8	6	6

Maximum velocities (exceeding 20 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

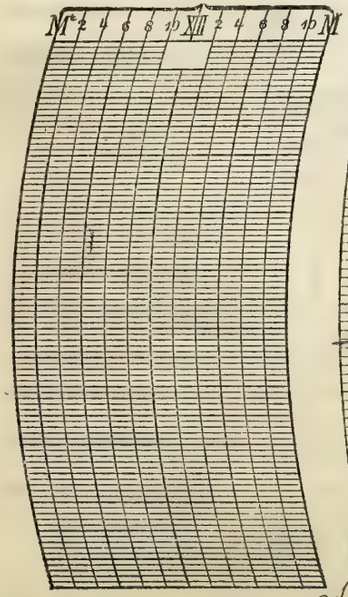
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	32	34	

Total depth of snow for 24 hours ending 7 p. m., — inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.0 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 10
Prevailing wind direction, NW Total wind 167
Average hourly velocity, 7.0 Extreme velocity, 13
Maximum velocity, 12 Direction, NW
Time began, 2:26 p.m.
Reduced barometer, 30.29 7 a. m. 30.38 7 p. m.
River gage, 3.9 ft.
Relative humidity, 87 7 a. m. 84 7 p. m.

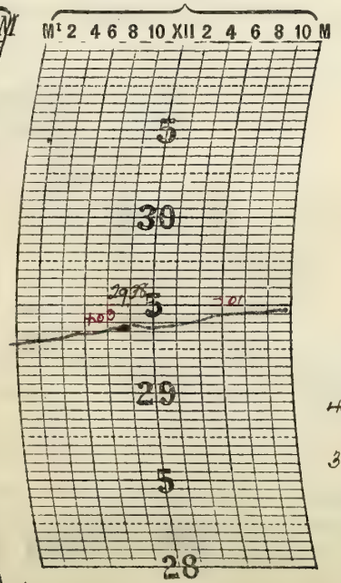
OBSERVATIONS AT ~~12 NOON.~~ 12:36 P.M.
(Local Mean Time.)

Dry temperature, 36.5 Wet temperature, 32.4
Dew-point, 26 R. humidity, 65 V. pressure, .136
Clouds: Amount, 9; Kind, Strat.; Direction, NW
Velocity of clouds (miles per hour)

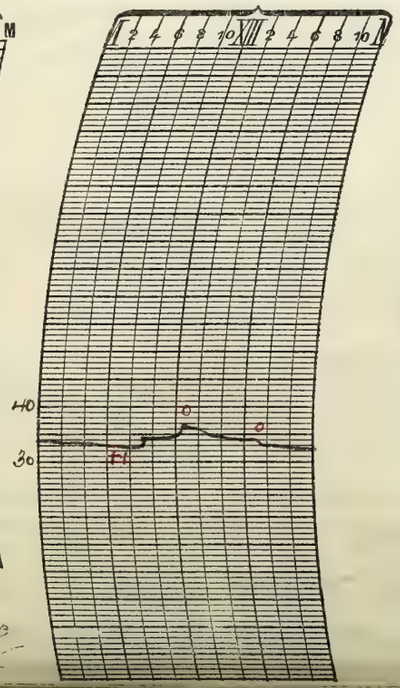
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Low temperature obtained and the weather was cloudy to a large extent.

Prepared by W. J. Baker.
Verified by P. M. Kenoyer.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 23 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	31	30	31	30	28	29	31	31	33	34	35	35	33	30	30	28	27	27	27	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy						Pt Cloudy			Clear								
	Sunrise: Time, 6:38; Character, Cloudy; Moonrise: 10:02 P.M.																				Sunset: Time, 4:17; Character, Clear; Moonset: 11:07 AM			
Sunshine (in tenths of hours)							0	0	0	0	0	0.3	0.4	0.8	1.0	0.5 / 0.5	0.2 / 0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	7	6	7	9	7	6	5	6	6	8	12	12	13	13	13	10	7	7	8	9	10	11	10	8
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

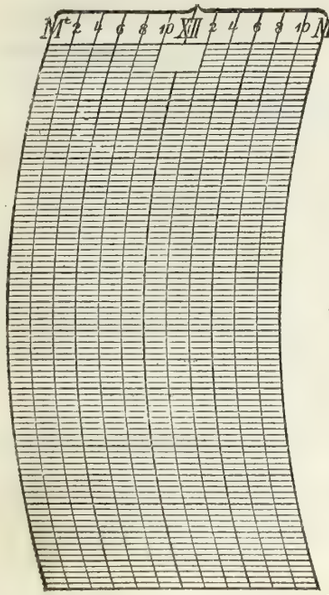
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	26	30	✓

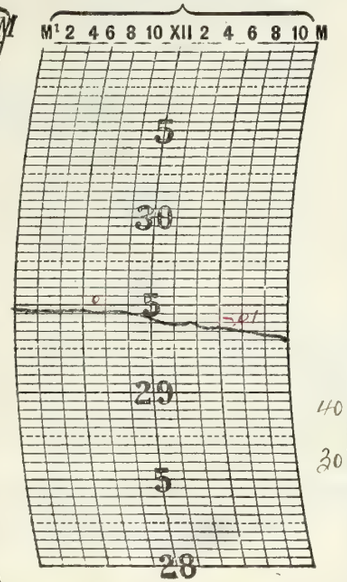
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.8 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 40
Prevailing wind direction, NW Total wind 210
Average hourly velocity, 8.8 Extreme velocity, 17
Maximum velocity, 16 Direction, NW.
Time began, 12:21 p.m.
Reduced barometer, 30.42 7 a. m. 30.30 7 p. m.
River gage, 3.5 ft
Relative humidity, 84 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 33.0 Wet temperature, 28.7
Dew-point, 21 R. humidity, 58 V. pressure, .108
Clouds: Amount, 7; Kind, Stcu; Direction, NW.
Velocity of clouds (miles per hour)

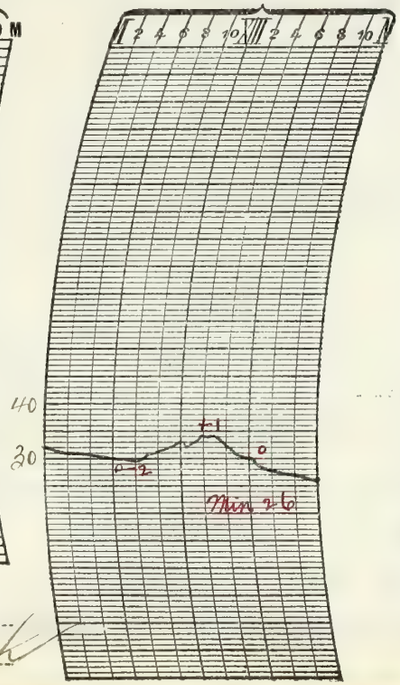
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Decreasing cloudiness after the a.m. observation, the late afternoon and night being clear. Moonlight in the late night. Unseasonably cool, but the weather was not unpleasant.

Prepared by H. S. Baker

Verified by P. McDonough

9—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 24 1918, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	23	23	23	23	22	22	24	27	28	30	31	31	31	30	29	27	26	25	25	25	21	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt. Cloudy →																		
	Sunrise: Time, 6:39; Character, Cloudy. Moonrise: 11:04 P.M.																				Sunset: Time, 4:16; Character, Cloudy. Moonset: —			
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	0.5	0.7	0.4	0							
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	9	9	9	9	9	11	12	15	15	14	15	14	14	12	11	10	10	10	9	11	9	11
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	22	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind 264
Average hourly velocity, 11.0 Extreme velocity, 21
Maximum velocity, 19 Direction, SW
Time began, 11:03 a.m.
Reduced barometer, 30.15 7 a. m. 30.03 7 p. m.
River gage, 3.2 ft.
Relative humidity, 86 7 a. m. 74 p. m.

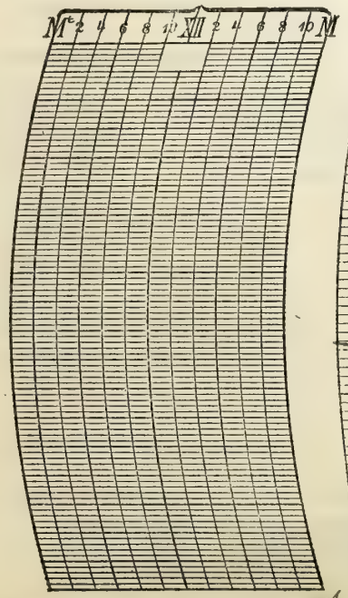
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

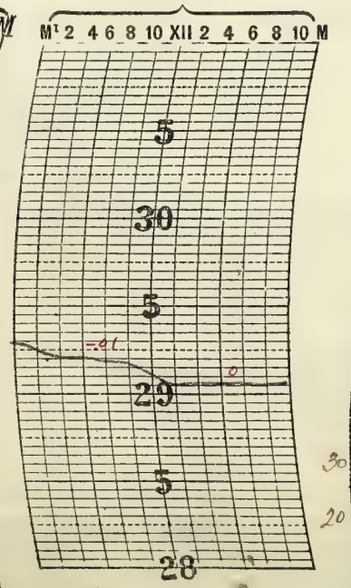
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 30.3 Wet temperature, 25.8
Dew-point, 17 R. humidity, 52 V. pressure, .089
Clouds: Amount, 4; Kind, aSt; Direction, NW
Velocity of clouds (miles per hour)

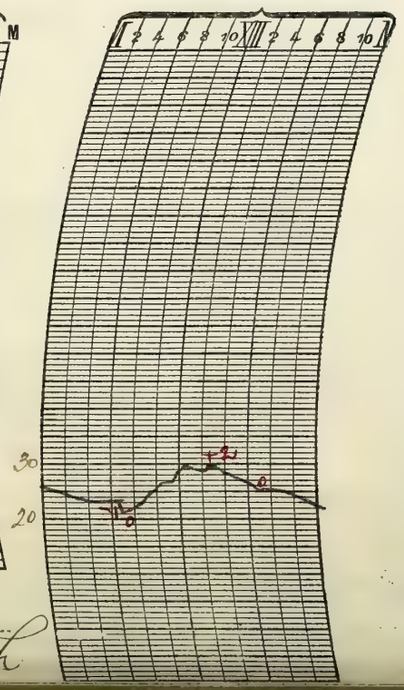
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold and partly Cloudy with alto-stratus clouds prevailing - Night clear

Prepared by W. S. Burr

Verified by S. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 25 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	21	21	21	22	22	28	26	28	32	35	36	36	35	35	34	32	31	31	32	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear								→	Pt Cloudy				
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.8	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	W	W	W	W	SW	SW	W	W	W	W
Wind movement	12	12	12	12	11	11	9	10	12	14	13	14	13	12	9	7	3	4	7	6	5	6	5	6
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 6:41; Character, Cloudy. Moonrise: —

Sunset: Time, 4:16; Character, Cloudy. Moonset: 12:05 P.M.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	21	28	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, Last quarter 4:25 am

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 6.4. Possible sunshine, hours, 9.6

Per cent of possible sunshine, 67

Prevailing wind direction, SW. Total wind 225

Average hourly velocity, 9.4. Extreme velocity, 17

Maximum velocity, 16. Direction, SW

Time began, 9:06 am.

Reduced barometer, 30.06 7 a. m. 30.24 7 p. m.

River gage, 3.0 ft.

Relative humidity, 86 7 a. m. 65 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1:38 PM

(Local Mean Time.)

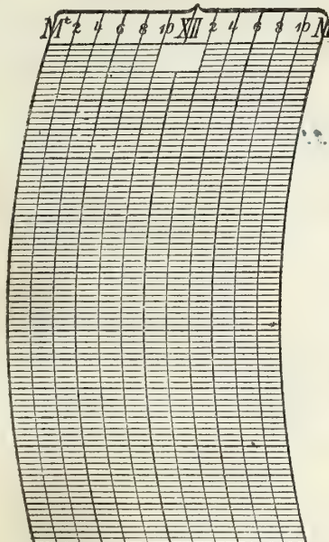
Dry temperature, 34.0. Wet temperature, 29.8

Dew-point, 23. R. humidity, 60. V. pressure, .118

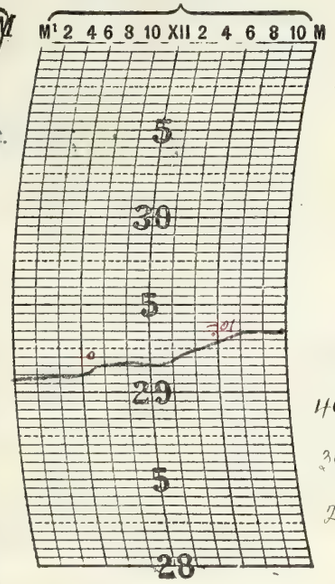
Clouds: Amount, 2; Kind, Ast.; Direction, NW

Velocity of clouds (miles per hour)

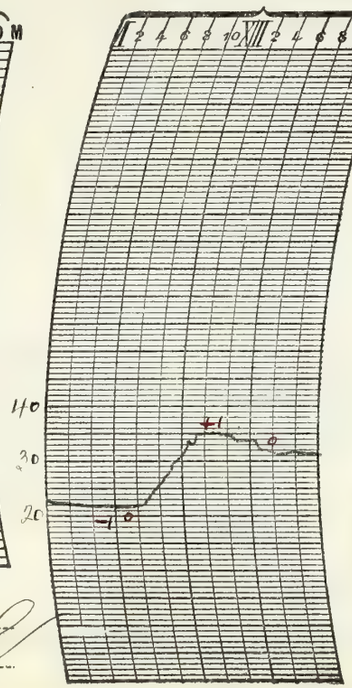
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by H. S. Parker

Verified by C. M. Yarnough

8—486

NOTES.

8. Sunrise and sunset obscured by small bank of st. clouds.

The weather was mostly clear and cool.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 26 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	31	30	29	29	29	30	34	35	39	37	38	37	37	36	34	33	32	32	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy				Pt. Cloudy						Clear							
Sunshine (in tenths of hours)							0	0	0	0	0.6	1.0	0.9	0.9	1.0	0.7 0.3	0.25 0							
Wind direction	W	W	W	W	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	4	3	6	7	5	7	6	6	4	3	6	1	7	5	6	3	3	4	7	8	8	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:42 Character, Cloudy
Moonrise: 12:04 AM

Sunset: Time, 4:15 Character, Clear
Moonset: 12:30 PM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

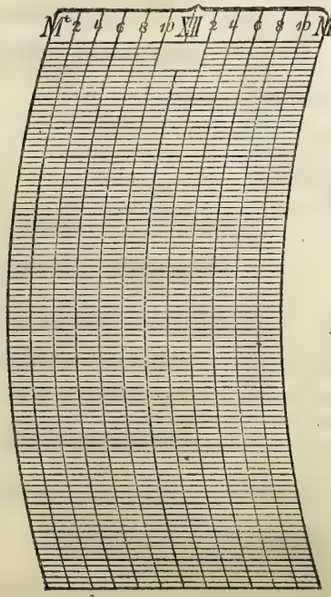
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	29		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 58
Prevailing wind direction, S Total wind 140
Average hourly velocity, 5.8 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 10:16 p.m.
Reduced barometer, 30.34 7 a. m. 30.12 7 p. m.
River gage, 2.8 ft
Relative humidity, 72 7 a. m. 68 7 p. m.

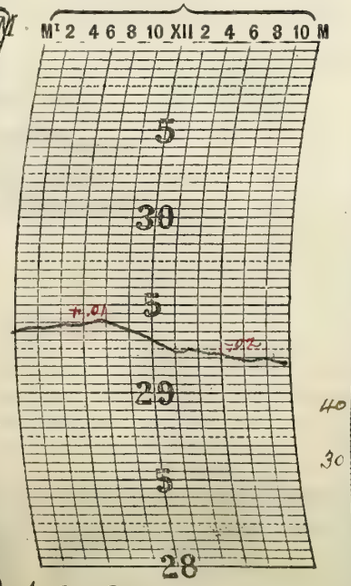
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 32.4
Dew-point, 24 R. humidity, 53 V. pressure, .124
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

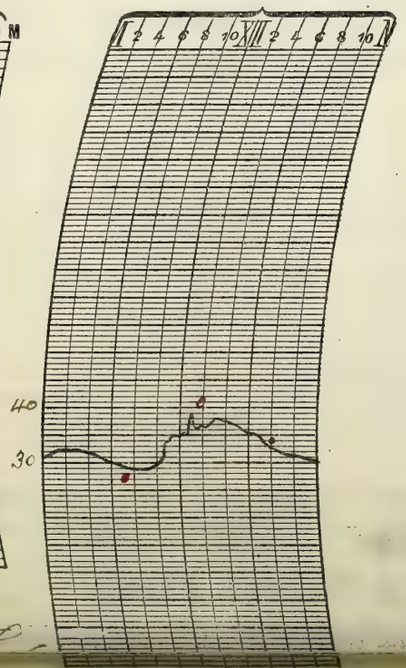
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Decreasing cloudiness from the am observation; Clear after 2 pm. Continued cool weather, but not unpleasant.

Prepared by A. S. Baker, Observer

FORM NO. 1017—REV. 2.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 27 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	28	28	27	27	27	31	36	39	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)							0.28 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	11	9	7	7	8	7	7	8	9	8	9	10
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	46	45	45	43	40	38	38	36	35	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Pt Cldy	Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	0.25 0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	9	9	6	4	2	1	2	3	3	4	5
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 6:43 Character, Clear

Moonrise: 1:03 AM.

Sunset: Time, 4:15 Character, Clear

Moonset: 12:55 PM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 9.5 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 100

Prevailing wind direction, S Total wind 155

Average hourly velocity, 6.5 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 12:37 am

Reduced barometer, 30.14 7 a. m. 30.00 7 p. m.

River gage, 2.5 ft.

Relative humidity, 75 7 a. m. 95 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

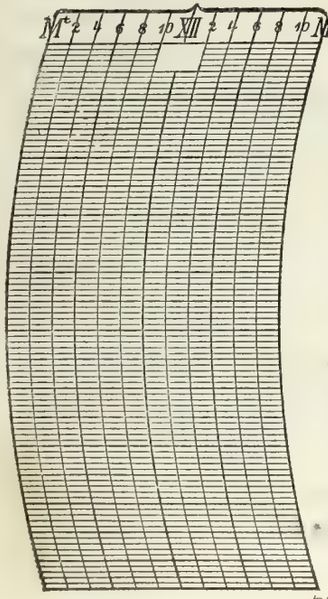
Dry temperature, 43.0 Wet temperature, 35.8

Dew-point, 25 R. humidity, 48 V. pressure, .130

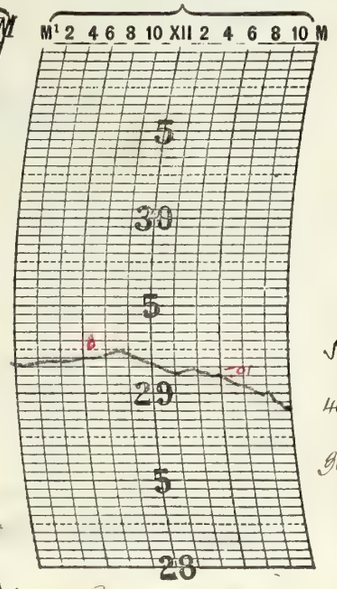
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

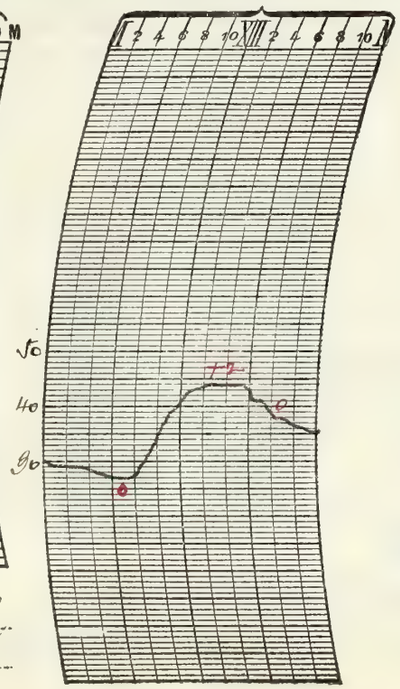
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool in the early morning, but moderate temperature during the daylight hours—Clear during the day, but increasing cloudiness at night, with rapidly falling pressure in the late night.

Prepared by H. S. Baker

Verified by P. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 28 1912, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	35	36	38	45	45	56	57	50
State of weather: Nature of precipitation and time of beginning and ending				RB 11:15	–	–	–	–	RE 8:40			
Amounts of precipitation				T	.05	.01	.09	.18	.02			
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)							0	0	0	0	*.02	*.02
Wind direction	S	S	SE	SE	SE	E	SE	SE	SE	S	SW	SW
Wind movement	6	8	7	7	14	13	9	12	18	16	33	36
Maximum velocities (exceeding 29 miles) direction and time											48 SW 10:32	44 SW 11:18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	44	43	43	40	38	38	38	37	37	37
State of weather: Nature of precipitation and time of beginning and ending		RB 1:35	–	–			–	–	RE 5:15			
Amounts of precipitation		.01	T	T	T	T	T	T	T			
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)	*.02	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	36	32	34	33	35	37	37	36	36	35	30	29
Maximum velocities (exceeding 29 miles) direction and time	42 SW 12:09	39 SW 1:27	44 SW 2:57	40 SW 3:39	49 SW 4:56	49 SW 5:25	48 SW 6:06	44 SW 7:28	39 SW 8:50	42 W 9:27	37 SW 10:25	35 W 11:49

Sunrise: Time, 6:44 Character, Cloudy

Moonrise: 2:00 A.M.

Sunset: Time, 4:15 Character, Cloudy

Moonset: 1:20 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	34	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., .24 ins.

Total precipitation, midnight to midnight, 0.36 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 6

Prevailing wind direction, SW Total wind 589

Average hourly velocity, 24.5 Extreme velocity, 60

Maximum velocity, 48 Direction, SW

Time began, 10:32 a.m.

Reduced barometer, 29.39, 7 a. m. 29.40, 7 p. m.

River gage, 2.6 ft

Relative humidity, 96, 7 a. m. 66, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m. (Local Mean Time.)

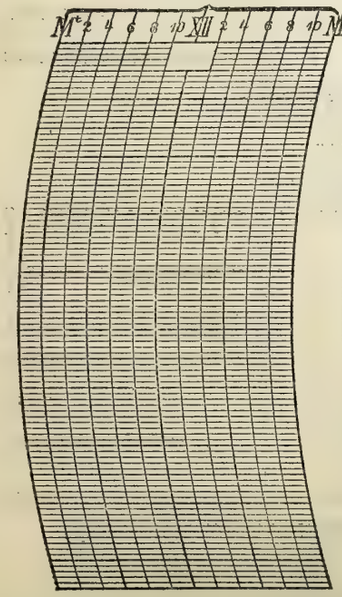
Dry temperature, 48.0 Wet temperature, 42.8

Dew-point, 37 R. humidity, 65 V. pressure, .219

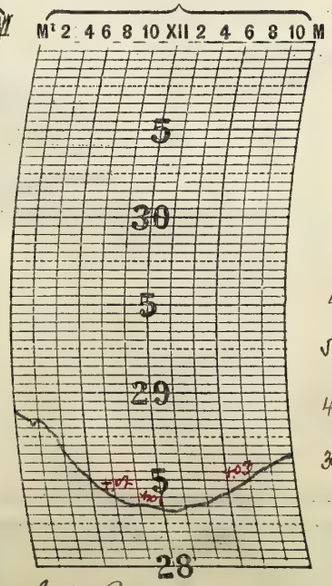
Clouds: Amount, 9; Kind, St.Cu.; Direction, SW

Velocity of clouds (miles per hour)

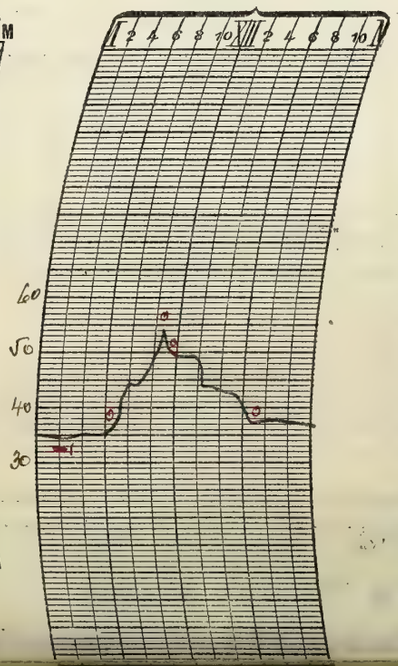
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker

Verified by P. McDonnell

* Sun shining through detached clouds.

NOTES.

Eleven are Special Observations ordered by Chief Office. In connection with a severe and destructive storm that passed Northeastward to the westward of station, high Southwest wind began at 10:15 a.m. and continued until Midnight. The highest velocity for 5 minutes was 48 miles an hour at 10:32 a.m., and the greatest for one minute was 60 miles an hour at 11:15 a.m. There was considerable local damage to windows, trees and awnings, and the protecting shed over the sidewalk on Calhoun Street in front of the New Wolf and Dessauer store was blown down. Five air-planes from Mt. Clemens, Mich., which landed in a field about 8 miles from the city on the Kelsey road, were almost totally wrecked.

FORM NO. 1012—REV. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 29 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	36	36	36	36	35	36	36	37	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy					Pt. Cloudy	
Sunshine (in tenths of hours)							0	0	0	0.1	0.7	1.0
Wind direction	SW	SW	W	W	SW	SW	SW	W	W	W	W	W
Wind movement	22	18	19	14	14	15	14	14	15	15	14	14
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	41	39	37	36	35	34	33	33	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy				Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9 0.1	0.3 0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	17	16	16	13	9	8	8	10	12	12	9	10
Maximum velocities (exceeding 27 miles) direction and time												

Sunrise: Time, 6:45; Character, Cloudy

Moonrise: 2:59 a.m.

Sunset: Time, 4:14; Character, Clear

Moonset: 148 p.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	32	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy. Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 6.0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 63

Prevailing wind direction, SW-W Total wind 328

Average hourly velocity, 13.7 Extreme velocity, 32

Maximum velocity, 28 Direction, SW

Time began, 12:03 am

Reduced barometer, 29.83 7 a. m. 29.99 7 p. m.

River gage, 28 ft.

Relative humidity, 80 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1:38 pm
(Local Mean Time.)

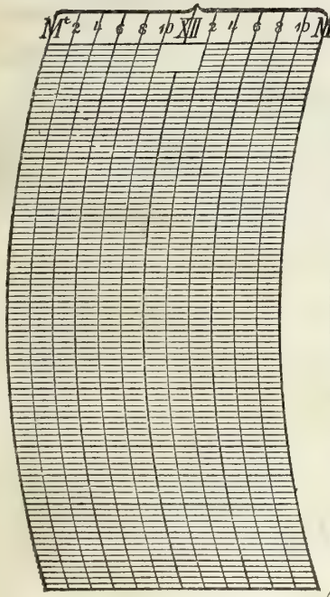
Dry temperature, 40.3 Wet temperature, 34.8

Dew-point, 27 R. humidity, 57 V. pressure, 14.3

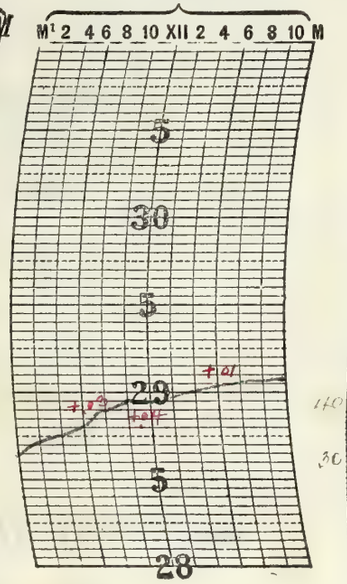
Clouds: Amount, 4; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

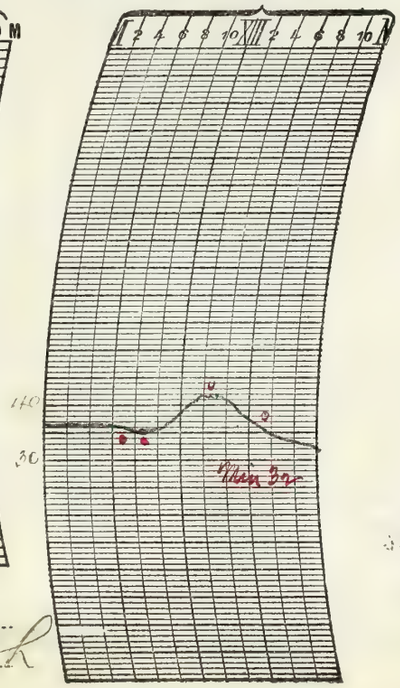
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Fair partly cloudy and moderately low temperature during the day, with diminishing westerly winds.

Prepared by H. S. Baker

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 30 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	28	28	27	26	26	26	28	31	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear →											
Sunshine (in tenths of hours)							0.23 0	1.0 0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W
Wind movement	9	10	11	11	12	12	12	13	15	15	18	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	37	38	37	35	35	35	35	34	34	33	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0.23 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	18	21	23	21	22	20	22	23	20	15	11	11

Sunrise: Time, 6:46 Character, Clear
Moonrise: 3:57 AM

Sunset: Time, 4:14 Character, Clear
Moonset: 2:19 P.M.

Maximum velocities (exceeding 29 miles) direction and time

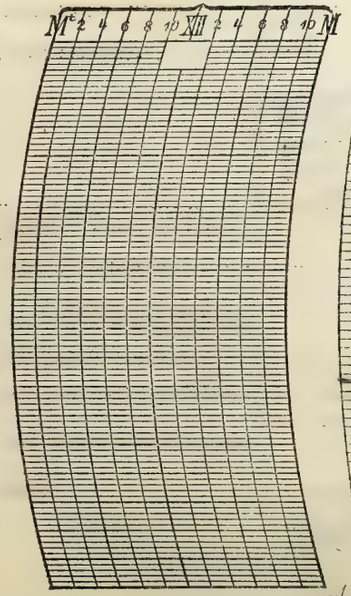
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	26	32	

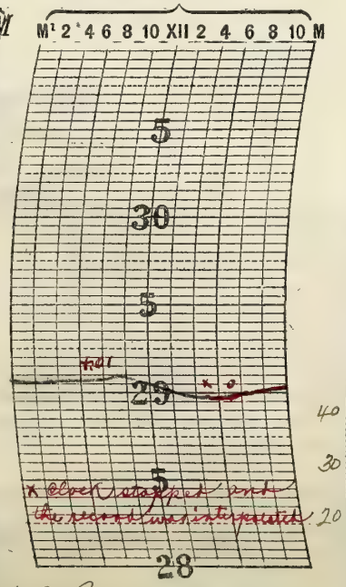
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.5 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 385
Average hourly velocity, 16.0 Extreme velocity, 30
Maximum velocity, 28 Direction, SW
Time began, 2:25 p.m.
Reduced barometer, 30.00 7 a. m. 29.92 7 p. m.
River gage, 3.1 ft.
Relative humidity, 74 7 a. m. 67 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 35.4 Wet temperature, 30.4
Dew-point, 22 R. humidity, 55 V. pressure, .113
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

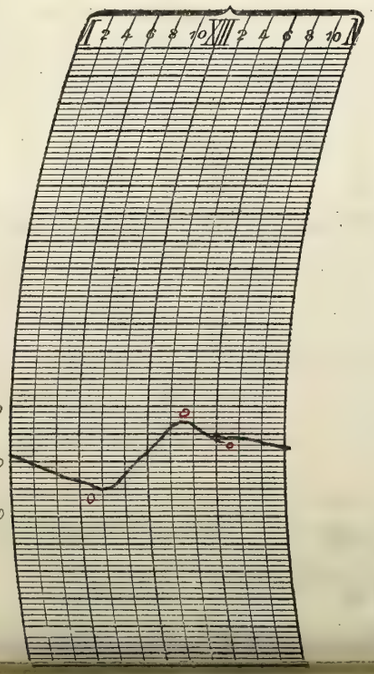
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and cool, but pleasant weather.

Prepared by H. S. Baker

Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 1 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	31	30	30	29	29	31	33	36	37	40	41	40	40	40	39	39	39	38	38	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy			Pt Cloudy				Cloudy											
Sunshine (in tenths of hours)							0	0	0.9	1.0	0	0	0	0.2	0	0	0							
Wind direction	W	W	W	S	S	SE	SE	SE	E	E	E	E	E	E	E	E	SE	SE	SE	S	S	S	S	S
Wind movement	8	4	2	6	7	8	9	8	9	9	7	6	6	6	5	4	8	8	11	13	11	14	15	15
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:47; Character, Cloudy. Moonrise: 4:56 A.M.

Sunset: Time, 4:44; Character, Cloudy. Moonset: 2:53 P.M.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	29	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.1. Possible sunshine, hours, 9.4

Per cent of possible sunshine, 22

Prevailing wind direction, E. Total wind 199

Average hourly velocity, 8.3. Extreme velocity, 19

Maximum velocity, 18. Direction, S

Time began, 10:45 p.m.

Reduced barometer, 30.05 7 a. m. 29.92 7 p. m.

River gage, 2.8 ft.

Relative humidity, 72 7 a. m. 64 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

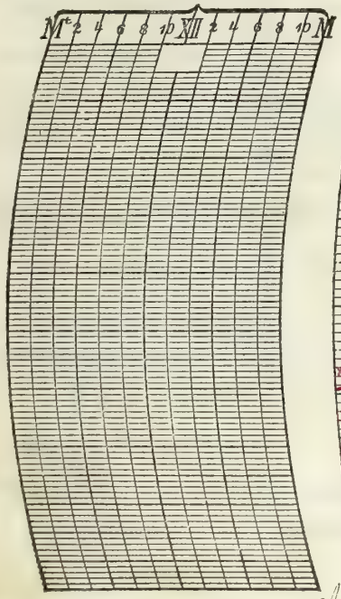
Dry temperature, 36.0. Wet temperature, 32.8

Dew-point, 28. R. humidity, 71. V. pressure, .150

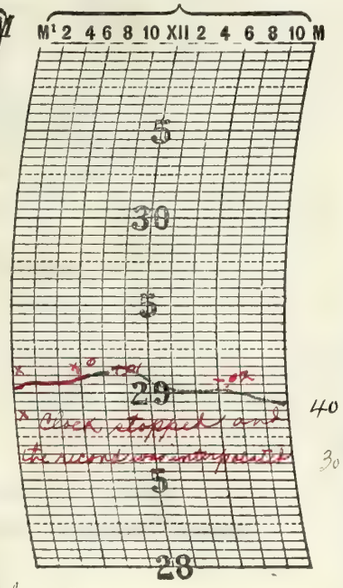
Clouds: Amount, 6; Kind, Ns St Cu; Direction, SW

Velocity of clouds (miles per hour)

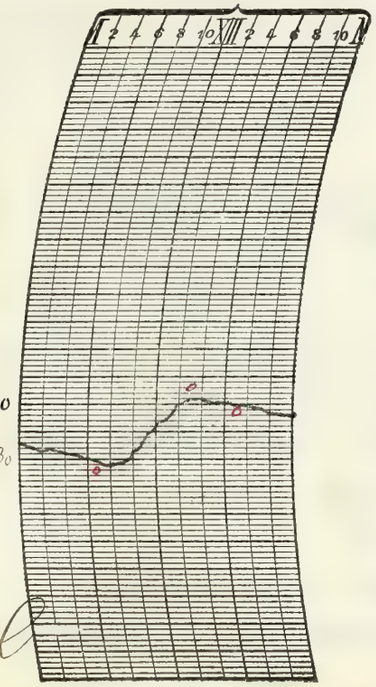
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



+ Sun shining through detached clouds.

NOTES.

The day was largely cloudy and moderate temperature prevailed.

Prepared by N. Baker

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 2 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	37	37	36	35	35	33	33	33	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunrise: Time, Character	6:48 Cloudy											
Moonrise	5:54 AM											
Sunshine (in tenths of hours)							0	0	0	0.1	0.5	0
Wind direction	S	S	S	S	S	S	SW	SW	S	SW	W	SW
Wind movement	15	15	13	15	12	12	12	16	18	17	18	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	39	38	36	36	36	36	36	36	35	35	35
State of weather: Nature of precipitation and time of beginning and ending				Snow 3:05	—	Snow E 5:50						
Amounts of precipitation				T	T	T						
Cloudiness and other conditions	Clear		Pcl.		Cloudy							
Sunset: Time, Character									4:13 Cloudy			
Moonset									3:34 PM			
Sunshine (in tenths of hours)	1.0	1.0	0.1	0	0							
Wind direction	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW
Wind movement	18	17	18	16	8	8	12	16	14	12	9	10

Maximum velocities (exceeding 20 miles) direction and time.

Excessive precipitation, accumulated amounts

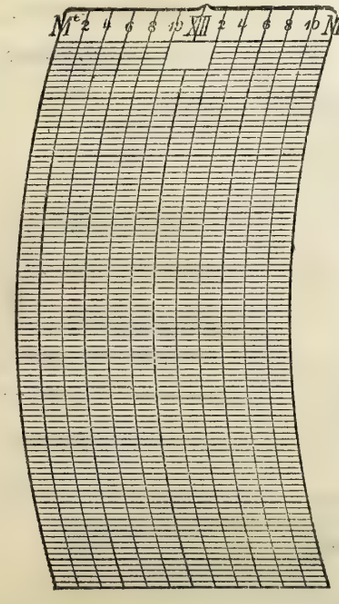
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	32	36	

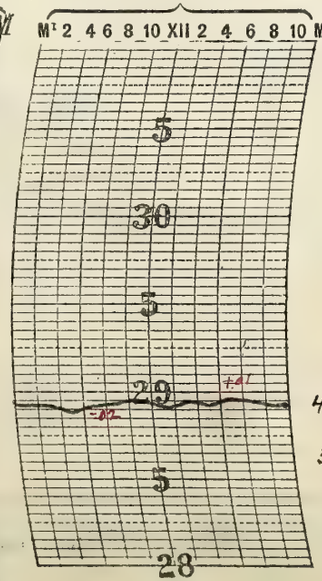
Total depth of snow for 24 hours ending 7 p. m., 1 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.7 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 39
Prevailing wind direction, SW Total wind 338
Average hourly velocity, 14.1 Extreme velocity, 27
Maximum velocity, 22 Direction, SW
Time began, 9:45 am
Reduced barometer, 29.87 7 a. m. 29.91 7 p. m.
River gage, 2.8 ft.
Relative humidity, 65 7 a. m. 78 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 37.2 Wet temperature, 32.8
Dew-point, 26 R. humidity, 63 V. pressure, .136
Clouds: Amount, 2; Kind, St. Cu; Direction, SW
Velocity of clouds (miles per hour)

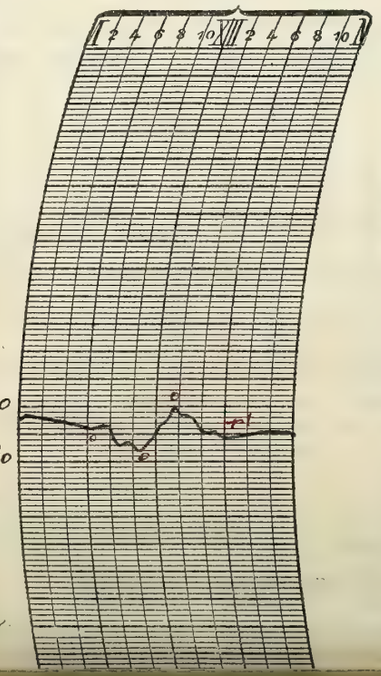
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather during the day and night was largely Cloudy, with snow flurries which melted on reaching the ground from 3:05 pm to 5:50 pm. Moderate temperature prevailed.

Prepared by A. S. Baker

Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	32	32	33	34	36	37	42	44	46
State of weather: Nature of precipitation and time of beginning and ending				Sm Sn IN		Sm E IN						
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)							0			0.4		0.8
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	7	12	11	12	10	12	12	14	15	18	23	22
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	43	42	40	39	37	37	34	33	32	33	32
State of weather: Nature of precipitation and time of beginning and ending						Rs E Sno		Sm B 7:15	—	—	Sm E IN	
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0.7	0.4	0.2	0	0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	NW
Wind movement	24	28	24	22	19	22	18	17	19	19	16	19
Maximum velocities (exceeding ____ miles) direction and time		36 W 1:45										

Sunrise: Time, 6:19; Character, Cloudy. Moonrise: 6:50 A.M.

Sunset: Time, 4:10; Character, Cloudy. Moonset: 4:20 PM

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	32	39	

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Partly Cloudy. Moon phase, New Moon 9:19 am

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 3.5. Possible sunshine, hours, 9.4

Per cent of possible sunshine, 37

Prevailing wind direction, SW. Total wind 415

Average hourly velocity, 17.3. Extreme velocity, 42

Maximum velocity, 36. Direction, W

Time began, 1:45 p.m.

Reduced barometer, 29.70 7 a. m. 29.70 7 p. m.

River gage, 2.8 ft. 7

Relative humidity, 95 7 a. m. 81 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:35 pm (Local Mean Time.)

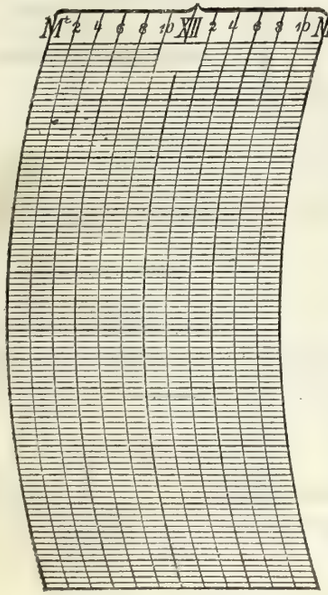
Dry temperature, 46.0. Wet temperature, 40.4

Dew-point, 34. R. humidity, 61. V. pressure, .194

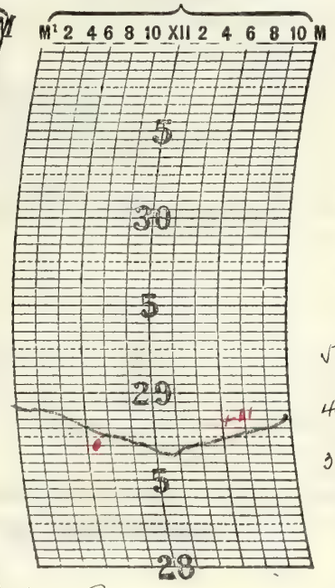
Clouds: Amount, 5; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

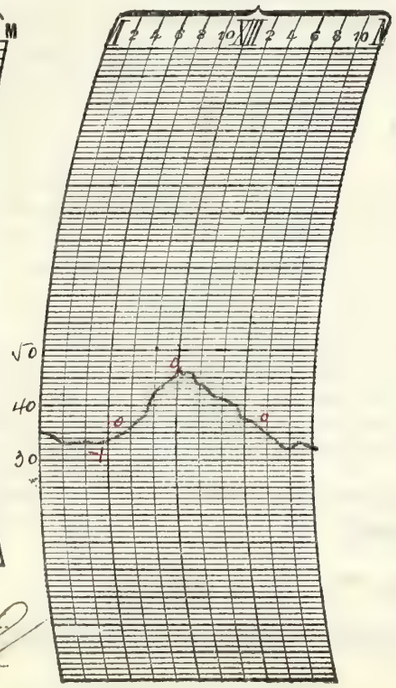
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The tipping bucket rain gage was removed from the roof at 10 am.

The weather was mostly partly cloudy, with light flurries of snow and the temperature was moderate.

Prepared by F. S. Bates

Verified by F. M. Smith

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 4 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	32	32	32	3	29	29	31	30	29
State of weather: Nature of precipitation and time of beginning and ending					S-E 13 D.N.	—	—	—	—	S-E 9:50		S-E 11:15 S-E 11:50
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:50 Cloudy											
Moonrise:	7:42 A.M.											
Sunshine (in tenths of hours)							0	0	0	0	* 07	* 02
Wind direction	NW	NW	NW	NW	W	NW	W	W	W	W	W	SW
Wind movement	17	11	12	9	14	14	12	14	14	16	17	16
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	28	30	30	30	30	30	31	31	30
State of weather: Nature of precipitation and time of beginning and ending		S-E 1:10	S-E 2:45									
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:13 Cloudy			
Moonset:									5:14 P.M.			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	14	15	15	12	10	11	10	11	11	11	12
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

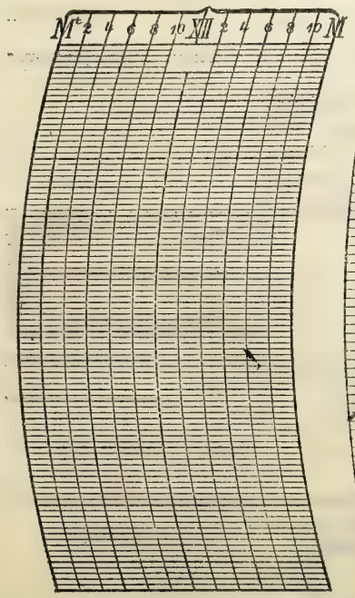
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	28	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.9 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 10
Prevailing wind direction, W Total wind 313
Average hourly velocity, 13.0 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 4:43 am
Reduced barometer, 30.01 7 a. m. 30.15 7 p. m.
River gage, 2.7 ft 7
Relative humidity, 81 7 a. m. 75 7 p. m.

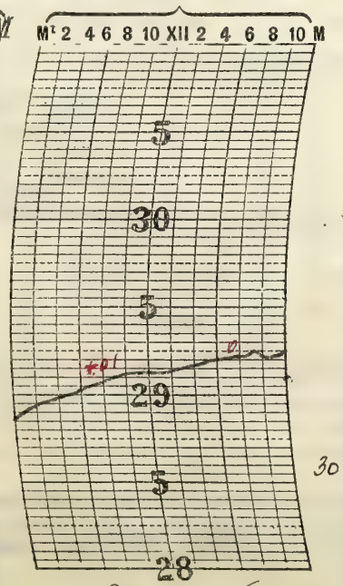
OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

Dry temperature, 30.3 Wet temperature, 28.4
Dew-point, 26 R. humidity, 79 V. pressure, 136
Clouds: Amount, 10; Kind, Strat; Direction, W
Velocity of clouds (miles per hour)

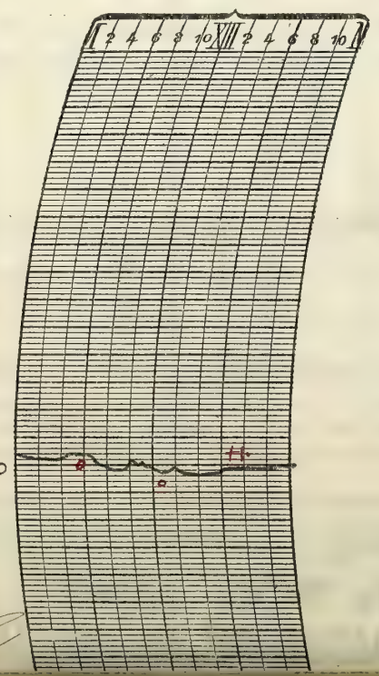
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Sun shining through detached clouds.

NOTES.

Cloudy with snow flurries during the day. Moderate temperature.

Prepared by H. S. Baker

Verified by J. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 5 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	29	28	29	30	31	32	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	12	14	11	9	9	10	11	12	11	11	11	10

Sunrise: Time, 6:51; Character, Cloudy. Moonrise: 8:29 A.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	40	41	42	44	46	4	47	43	40	40	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	SW	SW	W	W	NW	NW	NW
Wind movement	11	14	15	13	12	16	21	24	28	23	20	22

Sunset: Time, 4:13; Character, Cloudy. Moonset: 6:12 P.M.

Maximum velocities (exceeding 29 miles) direction and time: 37 W 8:22

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

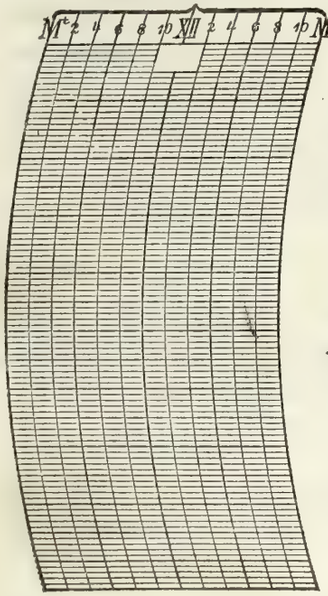
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	28	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0. Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, SW. Total wind 350
Average hourly velocity, 14.6. Extreme velocity, 47
Maximum velocity, 37. Direction, W
Time began, 8:27 p.m.
Reduced barometer, 30.12 7 a. m. 29.67 7 p. m.
River gage, 2.5 ft.
Relative humidity, 88 7 a. m. 60 p. m.

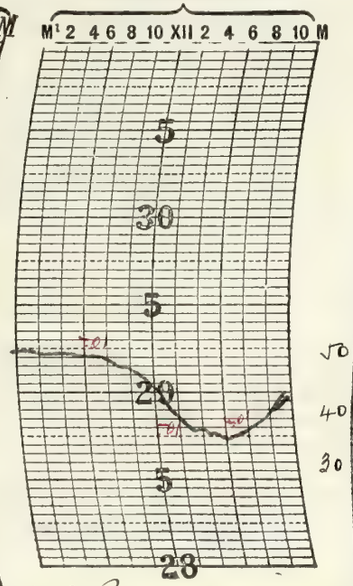
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M. (Local Mean Time.)

Dry temperature, 36.0. Wet temperature, 31.7
Dew-point, 25. R. humidity, 63. V. pressure, .130
Clouds: Amount, 3; Kind, St; Direction, SW.
Velocity of clouds (miles per hour)

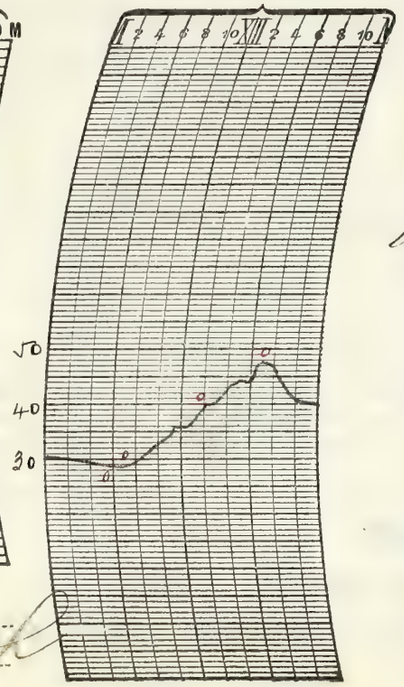
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Day and night Cloudy, with rising temperature until the p.m. observation. Increasing southerly winds shifting to westerly in the late afternoon. Rapidly falling pressure between noon and the p.m. observation, necessitating the calling and telegraphing of a special observation at 2:00 p.m., the pressure having diminished 0.18 inch from noon to 2 p.m.

Prepared by W. S. Baker.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 6 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	34	33	33	32	32	33	35	36	36	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunrise: Time, Character	6:52 Clear											
Moonrise	9:11 a.m.											
Sunshine (in tenths of hours)							0.13 0	1.0 0	0.1 0.9	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	22	20	22	19	10	7	7	8	8	11	10	6
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	41	42	41	40	39	38	37	37	37	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Pt Cloudy							→ Cloudy				
Sunset: Time, Character									4:13 Cloudy			
Moonset									7:14 P.M.			
Sunshine (in tenths of hours)	1.0	1.0	0.5	0.3	0							
Wind direction	N	N	N	NW	NW	NW	SW	SW	S	S	S	S
Wind movement	3	3	6	5	3	4	5	7	7	11	11	11
Maximum velocities (exceeding 24 miles) direction and time												

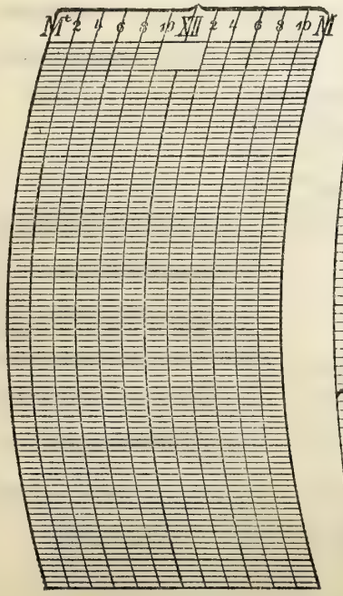
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	32	37	

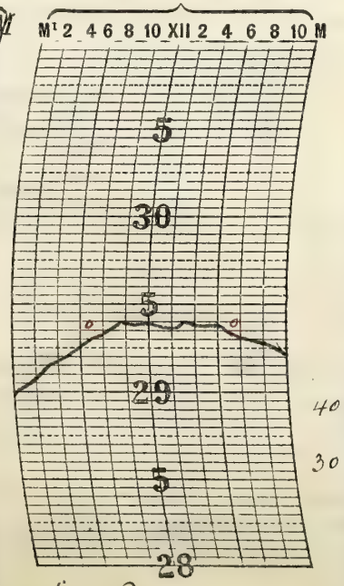
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.9 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 84
Prevailing wind direction, NW Total wind 228
Average hourly velocity, 9.5 Extreme velocity, 33
Maximum velocity, 27 Direction, NW
Time began, 12:40 a.m.
Reduced barometer, 30.25 7 a. m. 30.29 7 p. m.
River gage, 2.5 ft
Relative humidity, 75 7 a. m. 61 7 p. m.

OBSERVATIONS AT ~~NOON~~. 12:38 p.m.
(Local Mean Time.)
Dry temperature, 38.2 Wet temperature, 32.2
Dew-point, 23 R. humidity, 51 V. pressure, .118
Clouds: Amount, 3 cu; Kind, cu st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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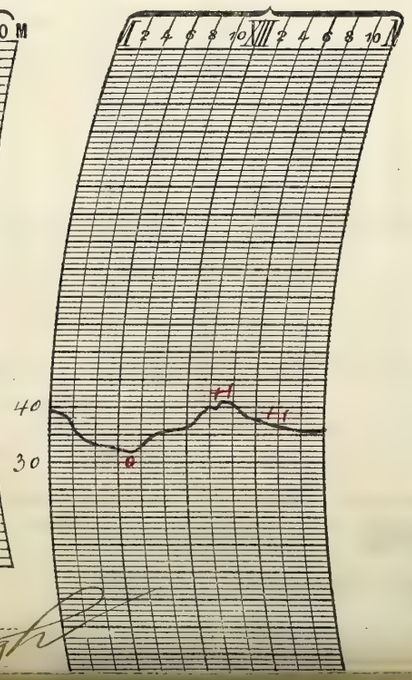


NOTES.

Pleasant and mostly clear weather, but with increasing cloudiness in the evening.

Prepared by H. S. Baker

Verified by J. McAdoo

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 7 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	35	36	36	38	39	41	46	48	49	51	52	51	51	50	50	50	49	48	47	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy						Partly				Clear				Partly			Cldy		Partly				

Sunrise: Time, 6:53; Character, Cloudy. Moonrise: 4:49 AM.

Sunset: Time, 4:13; Character, Cloudy. Moonset: 8:20 PM.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	0.9	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	9	10	11	11	11	13	13	18	16	15	16	12	9	6	6	10	12	12	9	10	11	12
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

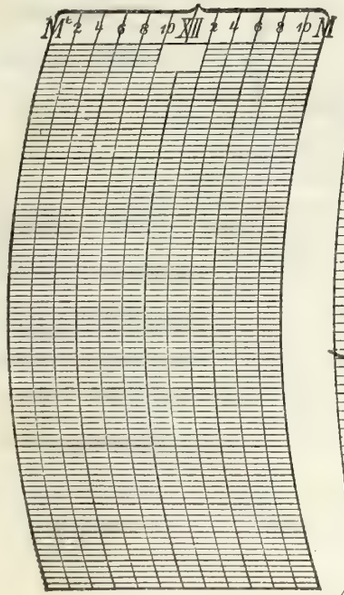
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Partly Cloudy. Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind 271
Average hourly velocity, 11.3 Extreme velocity, 23
Maximum velocity, 21 Direction, SW.
Time began, 9:20 a.m.
Reduced barometer, 29.96, 7 a. m., 29.86, 7 p. m.
River gage, 2.4 ft. 7
Relative humidity, 71, 7 a. m., 72, 7 p. m.

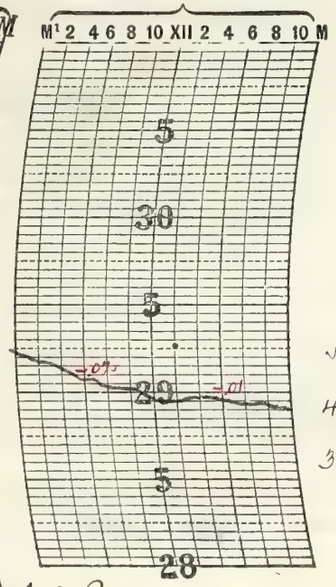
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 43.7
Dew-point, 36 R. humidity, 60 V. pressure, .211
Clouds: Amount, 3; Kind, cst.; Direction, W
Velocity of clouds (miles per hour)

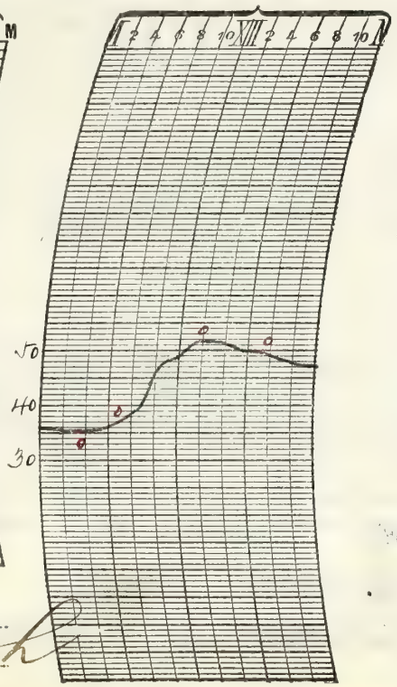
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was exceptionally fine for the time of year, dew deposit at night.

Prepared by N. S. Baker

Verified by P. McAmrugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 8 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	47	47	49	46	47	47	48	48	50	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy		Pt Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.7	1.0
Wind direction	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	12	14	14	13	15	15	12	11	11	12	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	55	56	55	54	52	50	50	48	47	47	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear		Pt Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	7	8	7	6	4	3	2	4	2	2	2

Sunrise: Time, 6:54; Character, Cloudy

Moonrise: 10:22 am

Sunset: Time, 4:13; Character, Cloudy

Moonset: 9:26 P.M.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	45	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 4.7 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 51

Prevailing wind direction, SW Total wind 208

Average hourly velocity, 8.7 Extreme velocity, 19

Maximum velocity, 17 Direction, SW

Time began, 4:39 am.

Reduced barometer, 29.87 7 a. m. 29.96 7 p. m.

River gage, 2.4 ft 5

Relative humidity, 87 7 a. m. 68 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

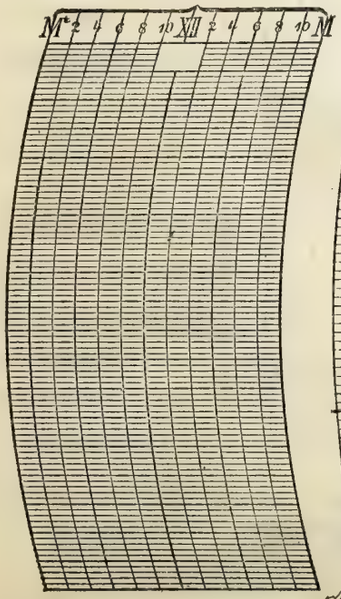
Dry temperature, 53.0 Wet temperature, 48.0

Dew-point, 43 R. humidity, 70 V. pressure, .277

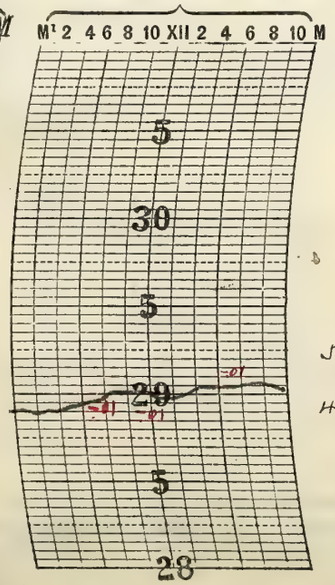
Clouds: Amount, 1; Kind, Ci Cu St; Direction, NW

Velocity of clouds (miles per hour)

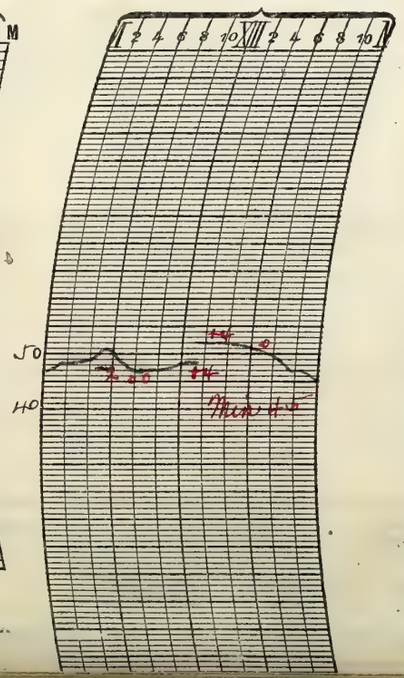
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was mostly partly Cloudy and exceptionally mild. There was a heavy deposit of dew in the early hours of the morning and also at night.

Prepared by N. S. Baker

Verified by C. M. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 9 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	44	44	41	41	41	42	43	44
State of weather: Nature of precipitation and time of beginning and ending					R.13 J.N.	—	RE 6:10					
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character, 6:55 Cloudy; Moonrise: 10:53 am												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	E	E	E	E	E	E	E	E
Wind movement	1	4	5	6	8	11	11	13	13	13	12	10
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	43	42	42	41	41	40	39	39	39	39
State of weather: Nature of precipitation and time of beginning and ending	R.13 12:00									RE 8.N.		
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character, 4:13 Cloudy; Moonset: 10:33 pm												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	NE	NE
Wind movement	12	11	15	14	14	16	13	16	16	17	15	16
Maximum velocities (exceeding ____ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

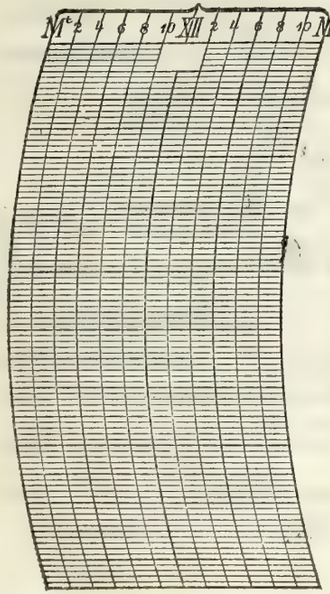
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	39	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .38 ins.
Total precipitation, midnight to midnight, .38 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 282
Average hourly velocity, 11.8 Extreme velocity, 211
Maximum velocity, 19 Direction, E
Time began, 9:45 p.m.
Reduced barometer, 29.77, 7 a. m. 29.93 7 p. m.
River gage, 2.4 ft.
Relative humidity, 82 7 a. m. 96 7 p. m.

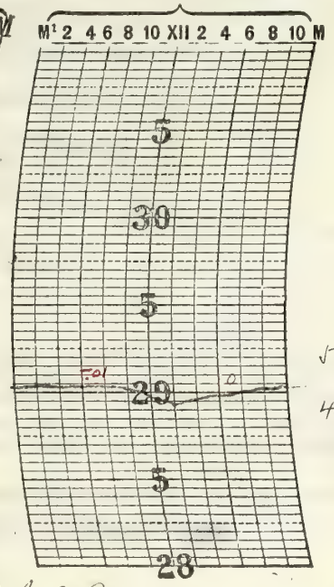
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 43.5 Wet temperature, 42.5
Dew-point, 42 R. humidity, 92 V. pressure, .266
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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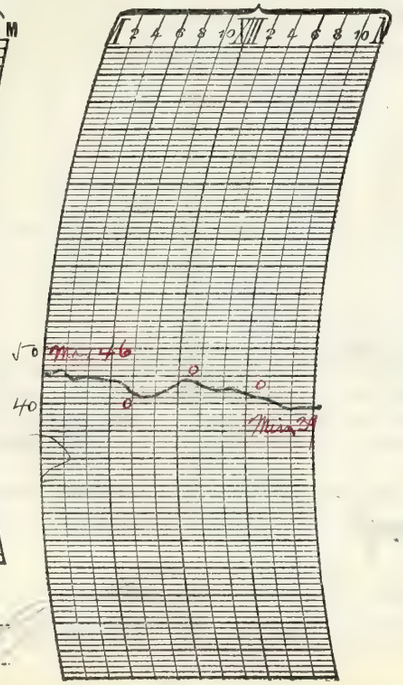


NOTES.

Mild and Cloudy weather, with light rain.

Prepared by N. S. Baker

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 10 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	38	38	38	38	37	37	38	37
State of weather: Nature of precipitation and time of beginning and ending										RB 9:55	–	–
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	17	18	19	16	14	13	17	14	17	20	17	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	37	39	39	38	38	39	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	RE 3:45								
Amounts of precipitation												
Cloudiness and other conditions	→									DENSE	Fog	
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	NW	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	17	16	12	9	10	10	5	2	2	2	5	5
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:55 Character, Cloudy
Moonrise: — — —

Sunset: Time, 4:13 Character, Cloudy
Moonset: 11:43 P.M.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	36	38	

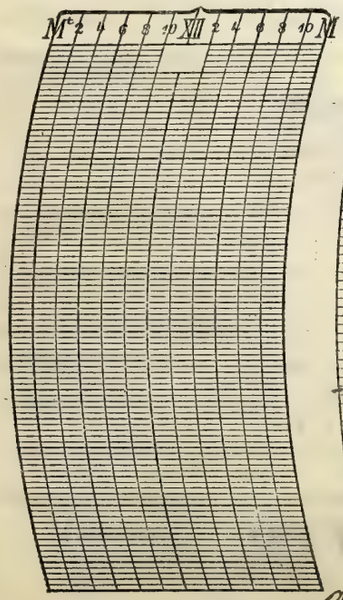
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .42 ins.
Total precipitation, midnight to midnight, .42 inches.
Character of day, Cloudy Moon phase, first quarter 8:31 p.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 292
Average hourly velocity, 12.2 Extreme velocity, 26
Maximum velocity, 24 Direction, E
Time began, 9:28 am.
Reduced barometer, 29.97 7 a. m. 29.92 7 p. m.
River gage, 25 ft
Relative humidity, 96 7 a. m. 92 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

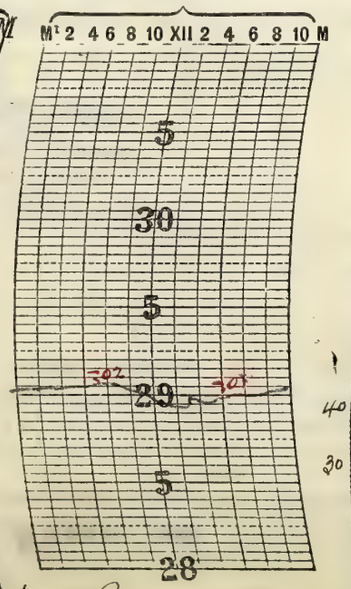
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 35.6
Dew-point, 34 R. humidity, 90 V. pressure, .195
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

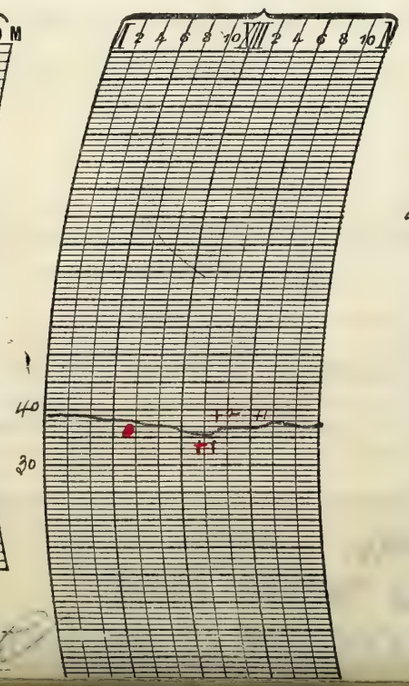
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Although mild temperature obtained the weather was rather unpleasant with rain from 9:55 am to 3:45 p.m. Dense fog began at 9 p.m. and continued into the 11th.

Prepared by N. S. Baker
Verified by P. M. Pinnegar

FORM NO. 1012—MCCI.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 11 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	38	38	38	39	40	39	39	40	41	43
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	DENSE Fog						Cloudy					
Sunrise: Time, Character	6:56 Cloudy											
Moonrise:	—											
Sunshine (in tenths of hours)							0	0	0	0	0.6	1.0
Wind direction	N	N	N	NW	NW	W	W	W	W	W	W	SW
Wind movement	6	6	9	5	6	7	9	14	13	13	13	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	44	43	41	40	38	38	37	37	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy			Clear								
Sunset: Time, Character									4:13 Clear			
Moonset:									—			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	0.22 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	15	18	15	12	12	10	10	10	11	11	10

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

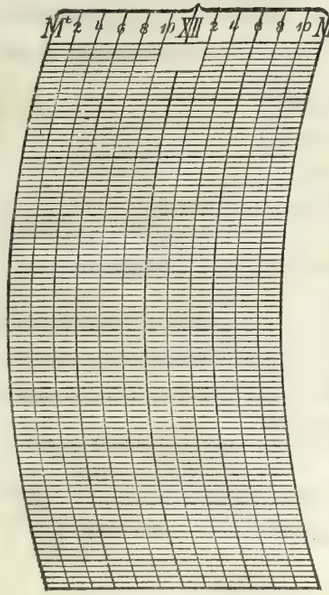
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	36	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 5.8 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 62
Prevailing wind direction, SW Total wind 266
Average hourly velocity, 11.1 Extreme velocity, 22
Maximum velocity, 20 Direction, SW
Time began, 2:01 p. m.
Reduced barometer, 30.08, 7 a. m. 30.21, 7 p. m.
River gage, 6.6 ft.
Relative humidity, 90, 7 a. m. 67, 7 p. m.

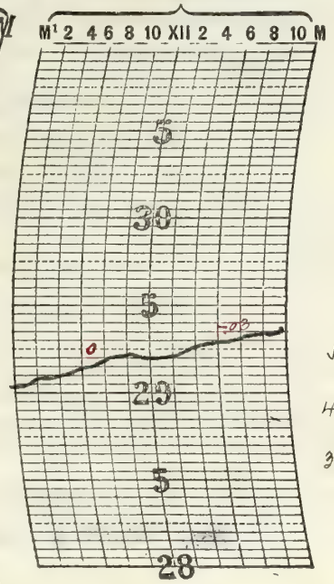
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 43.0 Wet temperature, 38.8
Dew-point, 34 R. humidity, 69 V. pressure, .195
Clouds: Amount, Cu; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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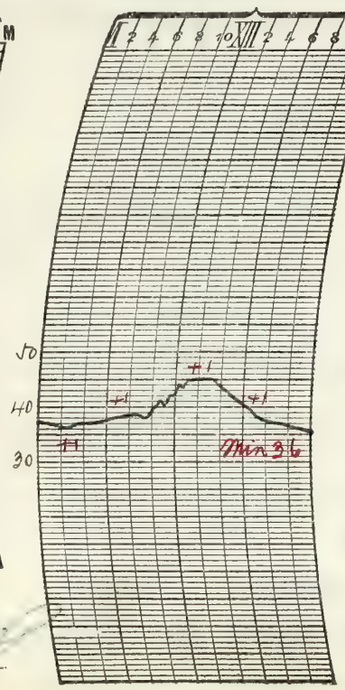


NOTES.

The dense fog which continued from the night of the 10th ended during the early morning.

The day was exceptionally fine and it was clear from about 9 a.m., with moonlight at night.

Prepared by N. S. Boker

Verified by C. M. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 12 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	32	32	33	35	36	38	39	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, Character	6:57 Clear											
Moonrise	12:24 P.M.											
Sunshine (in tenths of hours)							0a✓	0✓	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	7	7	6	7	5	3	2	2	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	43	42	40	40	39	39	39	38	38
Nature of precipitation and time of beginning and ending					RB 4:20	–	–	–	–	–	–	–
Amounts of precipitation												
Cloudiness and other conditions							Fog					
Sunset: Time, Character									4:13 Cloudy			
Moonset									12:53 am			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	S	S	S	S	S	SE	SE	SE	SE	SE
Wind movement	4	4	6	5	7	6	6	8	10	12	13	14

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

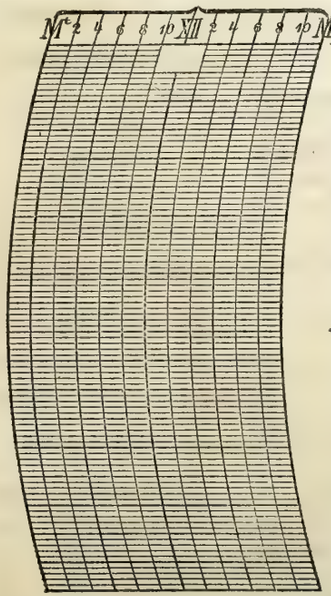
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	32	38	

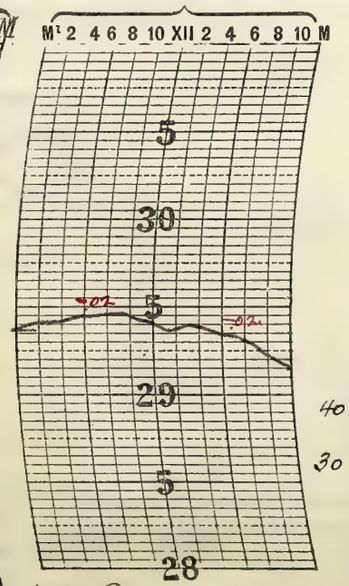
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, ✱.23 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.6 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 6
Prevailing wind direction, SW Total wind 155
Average hourly velocity, 6.6 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 10:30 p.m.
Reduced barometer, 30.37 7 a. m. 30.24 7 p. m.
River gage, 6.2 ft.
Relative humidity, 78 7 a. m. 84 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM.
(Local Mean Time.)
Dry temperature, 41.2 Wet temperature, 36.0
Dew-point, 29 R. humidity, 60 V. pressure, 157
Clouds: Amount, 26 (acu); Kind, St; Direction, SW
Velocity of clouds (miles per hour)

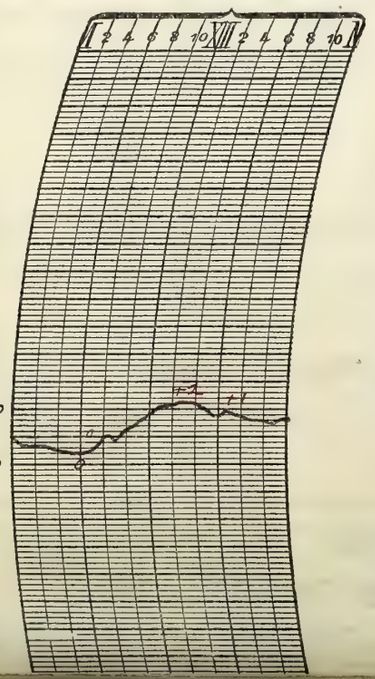
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by A. S. Baker
Verified by F. McDonough

o From eye obs.
✱ Estimated

NOTES.

Mild temperature obtained, but the weather was rather disagreeable, with light fog from 8.55 am till noon, and rain continued from 4.20 pm, being moderately heavy in the late night.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 13 1918, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	40	41	42	42	43	45	46	47	50	52	53	53	51	51	51	50	49	49	49	49	49
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	RE 8:25		RR 10:15	–	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation																								
Cloudiness and other conditions					?	Lt. Fog																		
											Cloudy													

Sunrise: Time 6:58, Character Cloudy. Moonrise: 12:59 P.m.

Sunset: Time 4:13, Character Cloudy. Moonset: 9:05 A.M.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	NE	NE	NE	NE	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	12	10	8	7	6	6	7	5	4	3	1	4	5	2	2	4	4	6	5	4	3	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

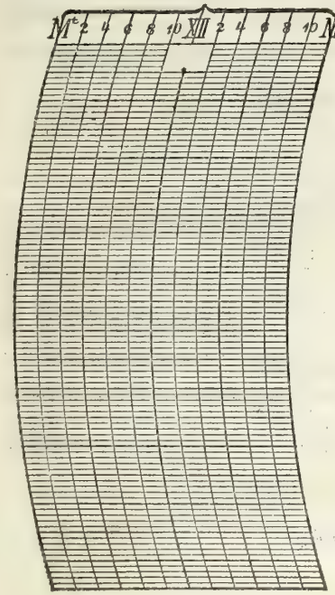
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	38	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .46 ins.; to 7 p. m., .66 ins.
Total precipitation, midnight to midnight, 1.14 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0. Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW. Total wind 127
Average hourly velocity, 5.3. Extreme velocity, 17
Maximum velocity, 16. Direction, SE
Time began, 12:13 a.m.
Reduced barometer, 29.86 7 a. m. 29.80 7 p. m.
River gage, 6.6 ft.
Relative humidity, 96 7 a. m. 96 7 p. m.

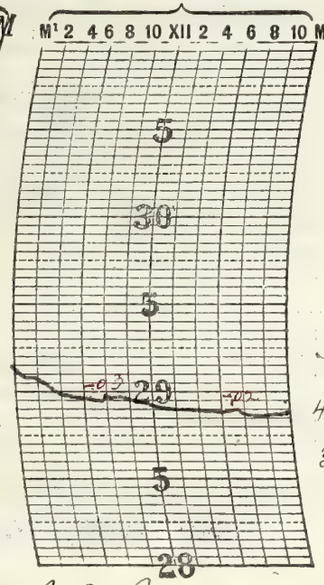
OBSERVATIONS AT ~~12 NOON~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 51.5. Wet temperature, 50.5
Dew-point, 50. R. humidity, 94. V. pressure, 360
Clouds: Amount, 10 (21); Kind, 7 (9); Direction, NW (N)
Velocity of clouds (miles per hour)

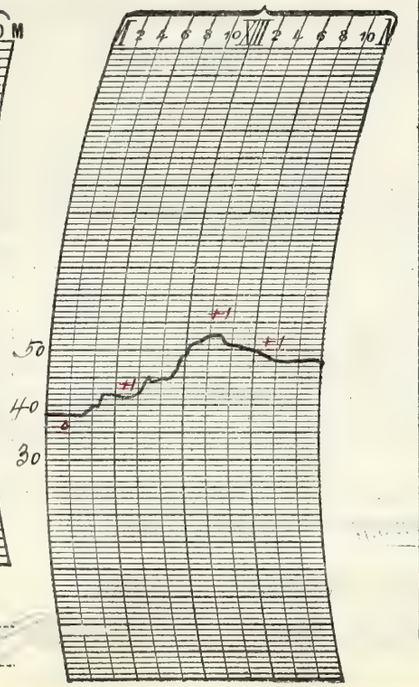
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker.

Verified by

8—486

NOTES.

Estimated

Cloudy with light fog and rain. Moderate temperature, but quite unpleasant weather.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 14 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	49	47	45	44	43	42	41	41	41	41
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	-	-	-	-	-
Amounts of precipitation	←						.09					→
Cloudiness and other conditions	←						Cloudy					→
Sunrise: Time, Character	6:58 Cloudy											
Moonrise	1:39 P.M.											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	3	4	4	6	6	8	8	10	10	9	9	9
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	40	40	39	39	38	38	37	37
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	RE 3.55								
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character										4:13 Cloudy		
Moonset										3:48 A.M.		
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	NW	NW	N	NW	NW	N	NW	NW
Wind movement	11	11	12	13	10	9	12	11	8	9	10	7
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

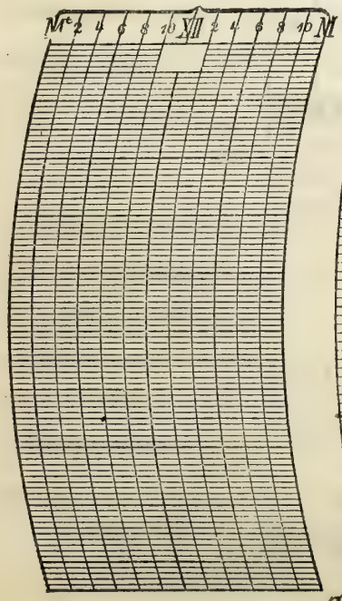
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	37	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .50 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .53 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 209
Average hourly velocity, 8.7 Extreme velocity, 18
Maximum velocity, 17 Direction, N.
Time began, 3:52 p.m.
Reduced barometer, 29.81 7 a. m. 29.98 7 p. m.
River gage, 14.7 ft
Relative humidity, 100 7 a. m. 84 7 p. m.

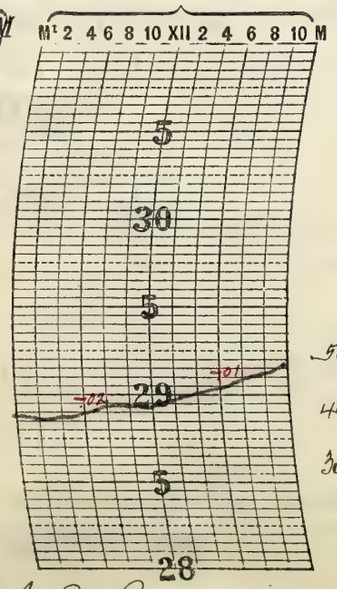
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 40.5 Wet temperature, 39.5
Dew-point, 38 R. humidity, 92 V. pressure, .228
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

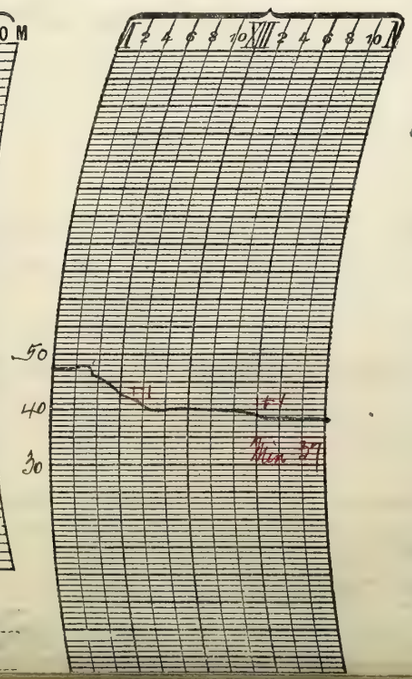
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated fog
Light during the greater part of the forenoon
Cloudy with moderate temperature
The rain which continued from the 13th ended at 2:55 p.m.
Day generally unpleasant
The moon was visible at night through occasional breaks in the clouds
At 9:10 am local entrants advised river would reach 16.5 feet by Sunday (December 15th).

Prepared by A. S. Baker.
Verified by T. W. Finnegan

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 15 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	35	34	34	35	36	37	39	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	6:59 Cloudy											
Moonrise	2.26 P.M.											
Sunshine (in tenths of hours)							0	0	0	0	0.9	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	4	4	4	1	3	3	2	3	4	5	6
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	43	42	41	40	39	39	38	38	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Fog, Pt. Cloudy, Clear											
Sunset: Time, Character										4:14 Clear		
Moonset										4:31 am		
Sunshine (in tenths of hours)	0.9	1.0	1.0	0.6 0.4	0.3 0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	6	5	4	2	2	2	2	2	3	2	3
Maximum velocities (exceeding 25 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	34	38	

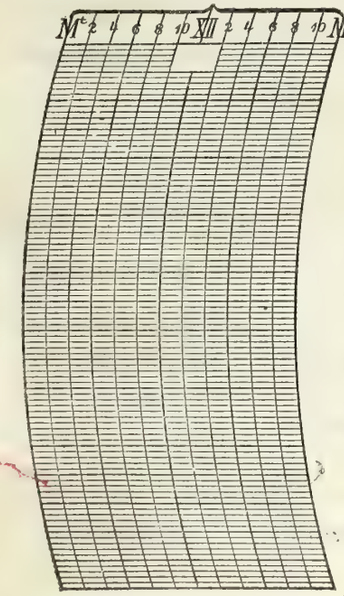
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 65
Prevailing wind direction, NW Total wind 86
Average hourly velocity, 3.6 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 12:11 am.
Reduced barometer, 30.23 7 a. m. 30.34 7 p. m.
River gage, 16.1 ft
Relative humidity, 81 7 a. m. 74 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

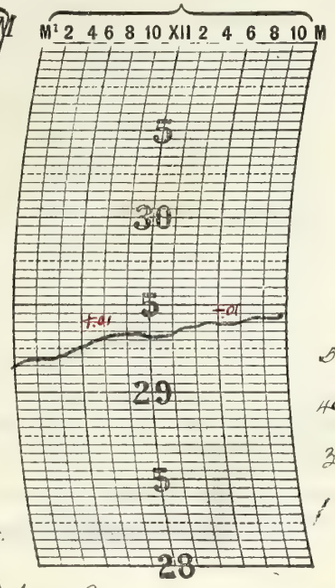
OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM
(Local Mean Time.)

Dry temperature, 38.7 Wet temperature, 35.5
Dew-point, 31 R. humidity, 74 V. pressure, .172
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

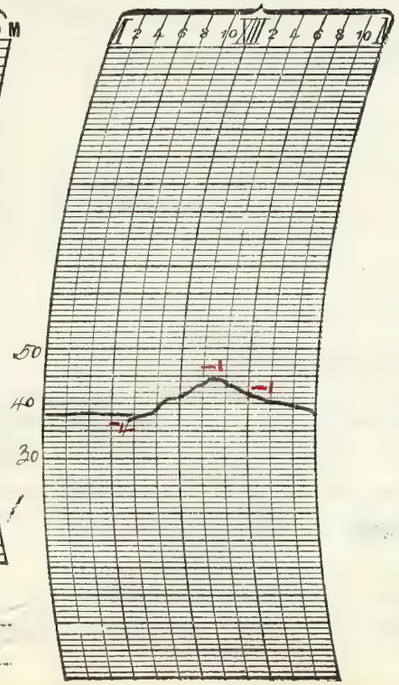
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began at 7:30 am and ended 9:45 am.
Decreasing cloudiness after the am. observation, with moonlight at night.
Generally pleasant weather.

Prepared by N. H. Baker
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 16 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	32	32	31	31	32	33	36	39	41	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			?	→								
Cloudiness and other conditions						←			Clear			→
Sunshine (in tenths of hours)								1.0 0	0.3 0.7	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	1	2	2	2	2	2	2	4	4	5	4	6
Maximum velocities (exceeding 10 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	46	45	43	42	40	39	36	35	34	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.1 0.9	1.0 0	0.23 0							
Wind direction	N	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	4	5	6	5	4	5	6	8	8	8	7	6
Maximum velocities (exceeding 10 miles) direction and time												

Sunrise: Time, 7:00 Character, Clear
Moonrise: 3:20 P.M.
Sunset: Time, 4:14 Character, Clear
Moonset: 5:41 AM

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

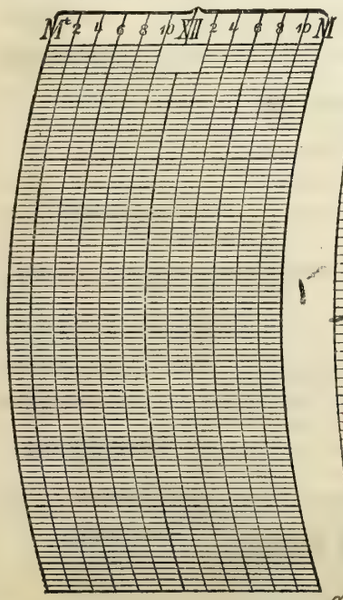
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	31	38	

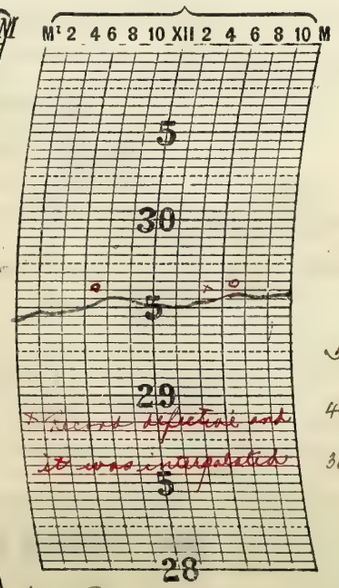
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 108
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, N
Time began, 7:55 p.m.
Reduced barometer, 30.46, 7 a. m. 30.53, 7 p. m.
River gage, 1.50 ft
Relative humidity, 92, 7 a. m. 74, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 43.0 Wet temperature, 38.2
Dew-point, 32 R. humidity, 65 V. pressure, .180
Clouds: Amount, 1; Kind, a St.; Direction, NW
Velocity of clouds (miles per hour)

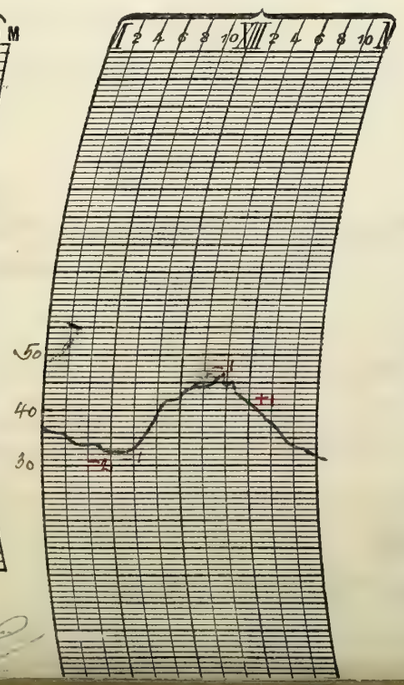
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker
Verified by C. H. Mowery

NOTES.

Light fog began D.M.a. and ended at 10 am. Light dew in the pm. The day was fine with clear skies. Moonlight at night.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 17 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	31	30	30	30	33	37	38	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					?		Lt. Fog					
								Clear				
Sunrise: Time, 7:01 Character, Clear												
Moonrise: 4:29 P.m.												
Sunshine (in tenths of hours)								0.98 0	0.4 0.6	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	6	6	6	7	6	5	5	5	6	7	9	10
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	41	40	38	36	34	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cldy		Clear		Pt. Cloudy			Clear				
Sunrise:									Sunset: Time, 4:14 Character, Cloudy			
Moonrise:									Moonset: 6:45 am			
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.1	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	9	10	10	9	6	7	8	7	8	9	11	7
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	30	36	

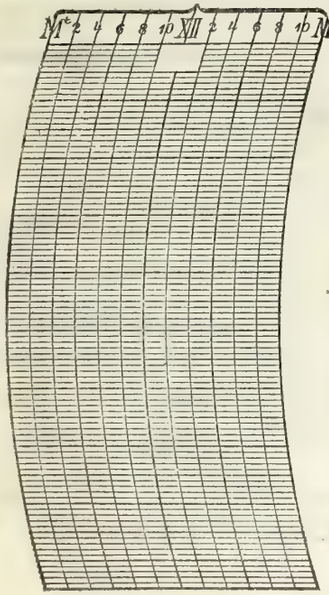
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full moon 1:15 pm
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 87
Prevailing wind direction, E Total wind 179
Average hourly velocity, 7.5 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 10:44 p.m
Reduced barometer, 30.54 7 a. m. 30.53 7, p. m.
River gage, 12.0 ft
Relative humidity, 93 7 a. m. 86 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

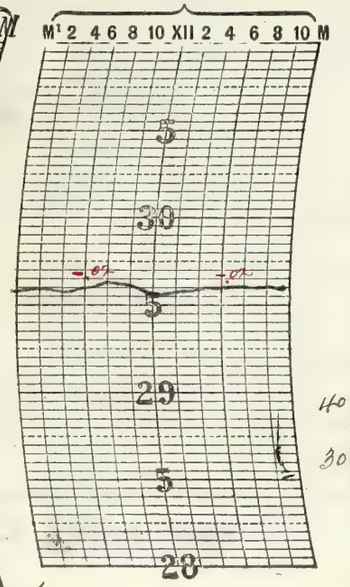
OBSERVATIONS AT ~~12 NOON~~ 12:38 PM
(Local Mean Time.)

Dry temperature, 39.8 Wet temperature, 36.3
Dew-point, 32 R. humidity, 72 V. pressure, .180
Clouds: Amount, 2.3; Kind, Cu St; Direction, E
Velocity of clouds (miles per hour)

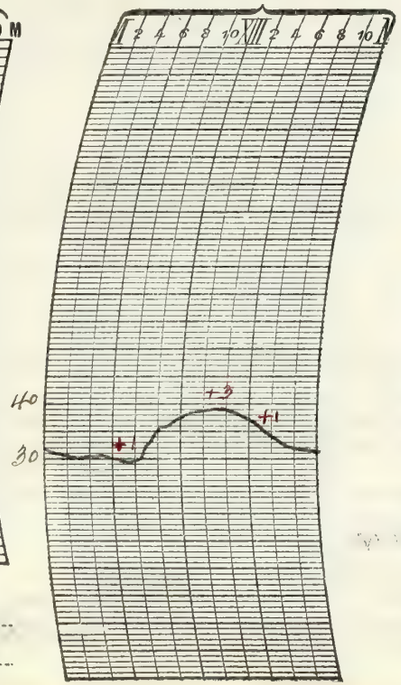
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began during night of 16th and ended at 9:45 am.
Light dew deposit at the p.m. observation.
Clear in the forenoon and late night, but some clouds in the afternoon. Moonlight at night.
Pleasant temperatures.

Prepared by A. S. Baker
Verified by C. M. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 18 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	32	33	32	30	30	31	33	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)								0	0	0	0.3	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	9	8	6	7	9	9	9	9	10	8	9	9

Sunrise: Time, 7:01 Character, Cloudy

Moonrise: 5.29 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	45	46	45	45	44	42	38	37	35	34	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy					
Sunshine (in tenths of hours)	0.9	1.0	0.4	0.2	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	10	7	6	6	8	8	10	10	11	11	8

Sunset: Time, 4:15 Character, Cloudy

Moonset: 7.39 am

Maximum velocities (exceeding ____ miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 3.8 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 41

Prevailing wind direction, E Total wind 205

Average hourly velocity, 8.5 Extreme velocity, 14

Maximum velocity, 13 Direction, E

Time began, 9:26 p. m.

Reduced barometer, 30.55 7 a. m. 30.51 7 p. m.

River gage, 9.75

Relative humidity, 92 7 a. m. 81 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 pm
(Local Mean Time.)

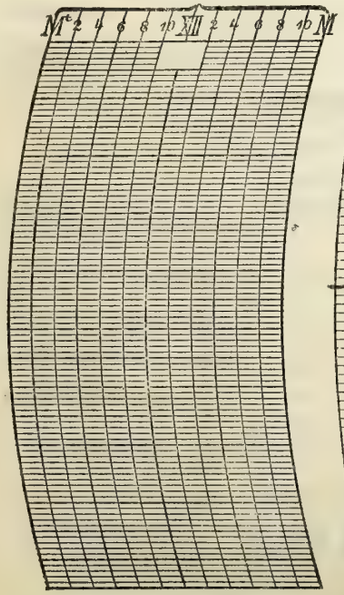
Dry temperature, 39.9 Wet temperature, 37.7

Dew-point, 34 R. humidity, 82 V. pressure, .195

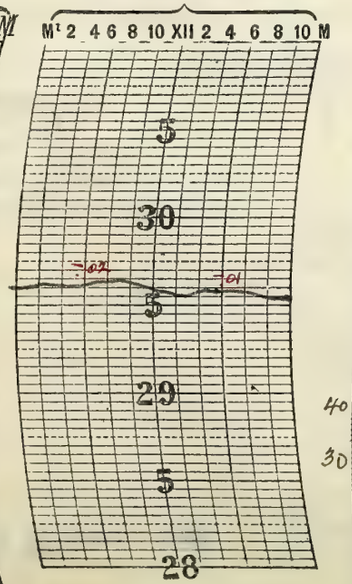
Clouds: Amount, 5 Kind, Acu St. Direction, NW

Velocity of clouds (miles per hour)

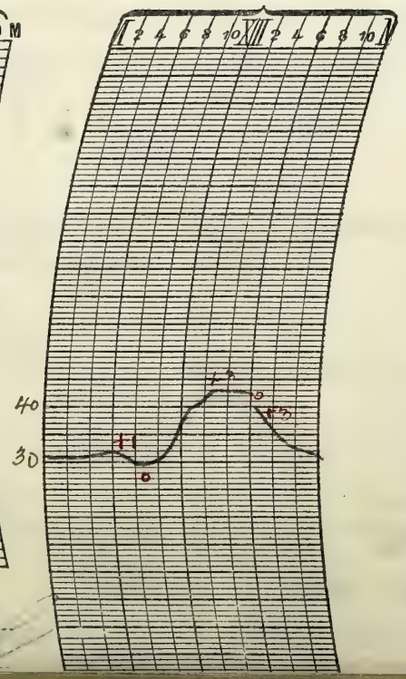
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Fine weather. Light fog began during night of the 17th and ended at 10 am. Moonlight at night.

Prepared by N. S. Boker

Verified by C. M. Kenoyer

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 19 1919, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	27	27	26	26	28	31	41	47	51	52	52	51	50	49	47	46	43	43	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0.9 / 0	0.9 / 0.1	1.0	1.0	1.0	1.0	1.0	0.2 / 0.8	1.0 / 0	0.25 / 0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	6	5	5	5	5	4	5	6	4	3	5	4	4	4	4	5	6	5	5	5	7	5	4
Maximum velocities (exceeding 50 miles) direction and time																								

Sunrise: Time, 7:02 Character, Clear

Moonrise: 6:27 P.M.

Sunset: Time, 4:15 Character, Clear

Moonset: 8:25 AM

Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	26	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Zero

Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 100

Prevailing wind direction, E Total wind 118

Average hourly velocity, 4.9 Extreme velocity, 9

Maximum velocity, 9 Direction, E

Time began, 9:50 a.m.

Reduced barometer, 30.50, 7 a. m. 30.46, 7 p. m.

River gage, 8.3 ft.

Relative humidity, 94, 7 a. m. 59, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)

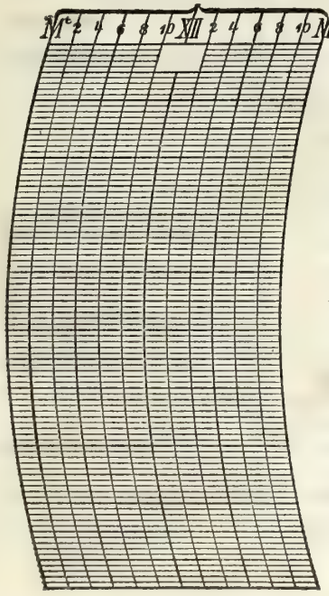
Dry temperature, 49.4 Wet temperature, 41.9

Dew-point, 33 R. humidity, 52 V. pressure, 187

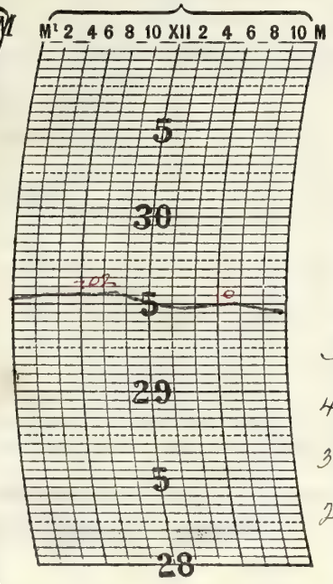
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

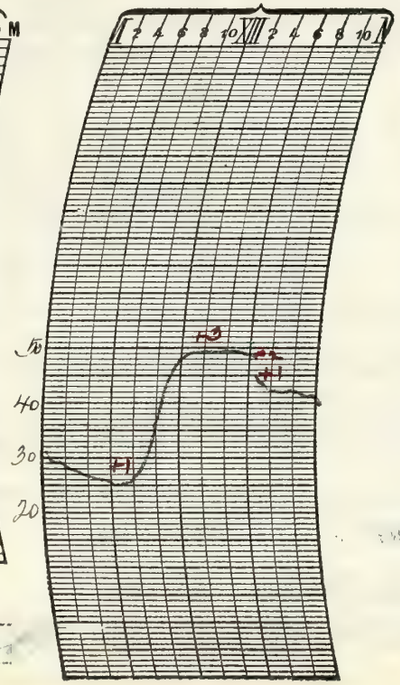
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog began during the night & the sun rose and ended at noon.

Clear fine weather. Moonlight at night.

Prepared by A. S. Baker

Verified by C. M. Jones

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC. 20 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	38	38	38	38	37	37	39	44	46	47
State of weather: Nature of precipitation and time of beginning and ending					R 13 II.N	–	–	–	–	–	–	–
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	3	3	3	4	3	2	5	4	5	7	8	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	50	50	50	49	48	48	48	48	46	46	44
State of weather: Nature of precipitation and time of beginning and ending	–	RE 1.45								R 13 9:00	–	–
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	4	5	7	6	6	9	7	8	10	9	9

Cloudy

Sunrise: Time, 7:02 Character, Cloudy

Moonrise: 7:44 P.M.

Sunset: Time, 4:15 Character, Cloudy

Moonset: 9:03 AM

Maximum velocities (exceeding ____ miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	36	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .43 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind 139

Average hourly velocity, 5.8 Extreme velocity, 11

Maximum velocity, 11 Direction, SE

Time began, 9:21 p. m.

Reduced barometer, 30.34 7 a. m. 30.25 7 p. m.

River gage, 6.8 ft.

Relative humidity, 93 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 ~~NOON~~. / 2:38 P.M.
(Local Mean Time.)

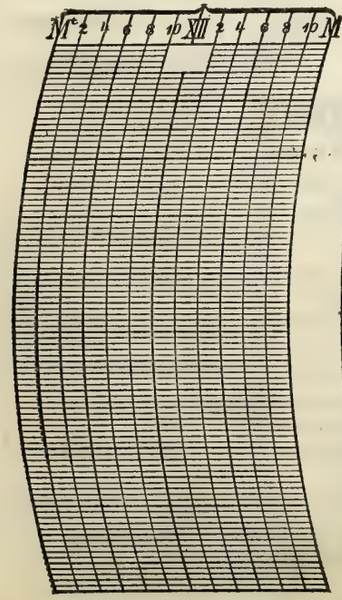
Dry temperature, 47.0 Wet temperature, 43.2

Dew-point, 39 R. humidity, 74 V. pressure, .237

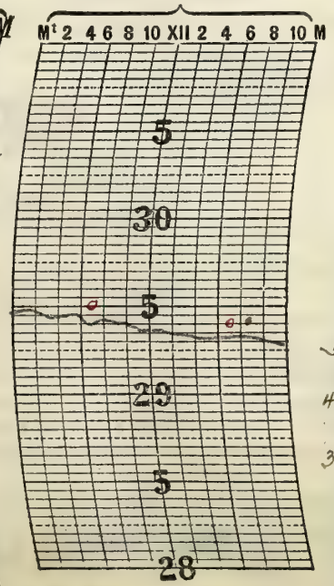
Clouds: Amount, 10; Kind, Nb; Direction, SE

Velocity of clouds (miles per hour)

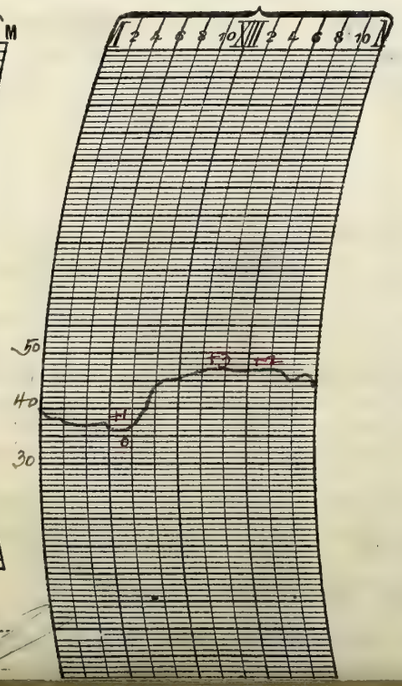
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by A. S. Baker

Verified by J. McDonough

NOTES.

Moderately warm and Cloudy with rain beginning in the early morning and ending 1:45 p.m. Rain began again at 9 p.m. and continued into the 21st

o Estimated

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 21 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	45	45	45	46	46	46	46	47	48	49	51	50	50	52	52	52	52	52	52	52	52	52
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy →																							
Sunrise: Time, 7:03; Character, Cloudy																								
Moonrise: 848 P.M.																								
Sunset: Time, 4:16; Character, Cloudy																								
Moonset: 9:37 am																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	6							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	8	9	8	10	11	11	10	9	9	8	6	9	9	11	5	4	8	9	10	10	11	10	11	11
Maximum velocities (exceeding ... miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

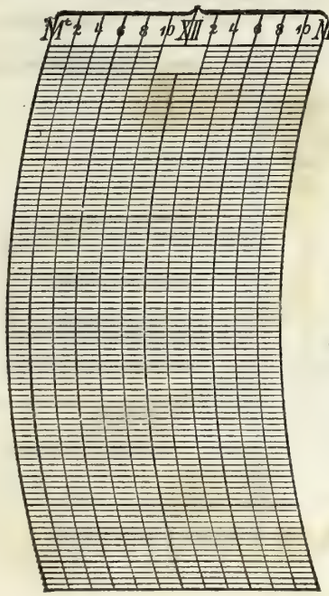
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	44	48	

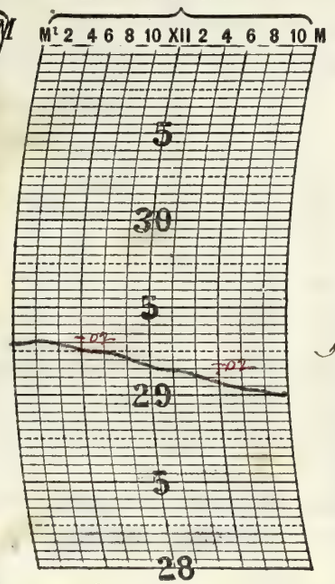
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .91 ins.; to 7 p. m., .80 ins.
Total precipitation, midnight to midnight, 1.50 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind 217
Average hourly velocity, 9.0 Extreme velocity, 16
Maximum velocity, 14 Direction, SE
Time began, 6:22 am
Reduced barometer, 30.13, 7 a. m. 29.96, 7 p. m.
River gage, 8.2 ft.
Relative humidity, 96, 7 a. m. 94, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm
(Local Mean Time.)
Dry temperature, 49.0 Wet temperature, 48.0
Dew-point, 47 R. humidity, 93 V. pressure, 322
Clouds: Amount, 10; Kind, Nb; Direction, SE
Velocity of clouds (miles per hour)

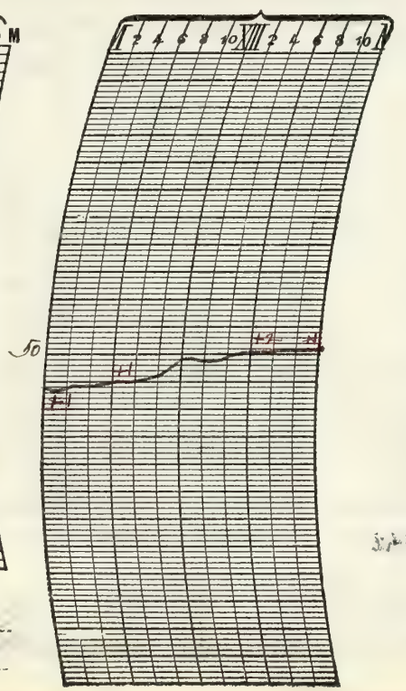
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by A. S. Bakes
Verified by P. M. Kenny

8—486

NOTES.

River at 12 noon 11.0 feet. Local interests advised that river would pass the flood stage by Sunday Morning (December 22nd).
Mild temperature with rain throughout the day, very disagreeable weather.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 2 2 1918, 191

Time (local standard), 90" mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	50	50	50	49	48	48	49	49	50
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	RE RN							
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cloudy →											
Sunrise: Time, 7:03 Character, Cloudy												
Moonrise: 9.50 P.M.												
Sunshine (in tenths of hours)								0	0.4	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	10	7	8	8	8	10	7	10	10	12	14	14
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	50	49	47	46	45	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4:16 Character, Cloudy												
Moonset: 10:05 am												
Sunshine (in tenths of hours)	0.8	0	0	0	0							
Wind direction	SW	W	W	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	14	19	17	16	12	11	11	13	13	16	13	13
Maximum velocities (exceeding ____ miles) direction and time												

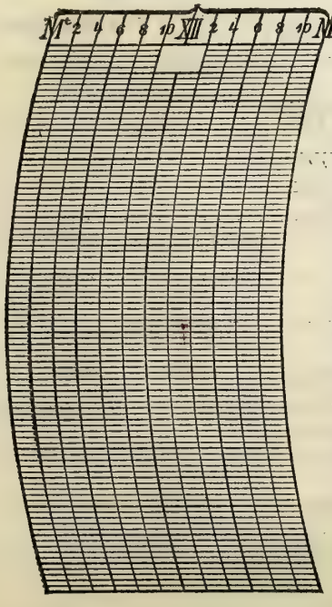
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	41	46	–

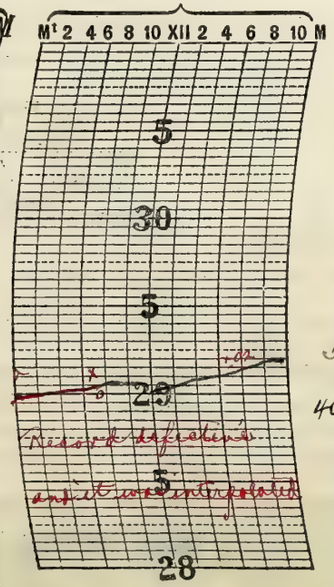
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Pt. Cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 4.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 46
Prevailing wind direction, SW Total wind 286
Average hourly velocity, 11.9 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 1:35 p.m.
Reduced barometer, 29.93 7 a. m. 30.07 7 p. m.
River gage, 17.1 ft.
Relative humidity, 90 7 a. m. 86 7 p. m.

OBSERVATIONS AT ~~12 NOON~~, 12:38 P.M.
(Local Mean Time.)
Dry temperature, 50.3 Wet temperature, 48.0
Dew-point, 46 R. humidity, 85 V. pressure, .310
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

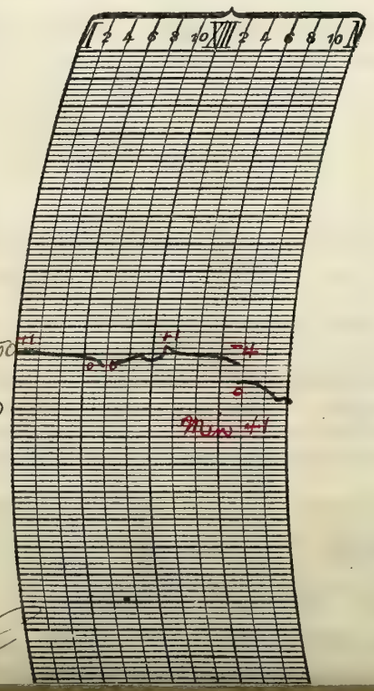
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Winter solstice (winter commences), 9.42 am
Partly cloudy weather and mild temperature. Day quite pleasant.
High water from rain overflowed lowlands

Prepared by A. H. Dorr
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 2 3 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	37	36	36	36	37	38	39	39	40	40	39	39	37	37	35	34	33	33	33	33	32
State of weather: Nature of precipitation and time of beginning and ending												RR 11:12 RF Rest												
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	12	12	11	9	7	7	5	6	4	5	6	7	10	12	14	13	14	15	14	17	16	15	16
Maximum velocities (exceeding 50 miles) direction and time																								

Cloudy

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: 10:51 P.M.

Sunset: Time, 4:17 Character, Cloudy
Moonset: 10:31 A.M.

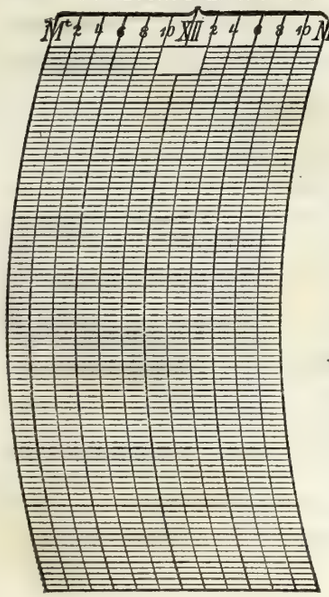
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	32	36	

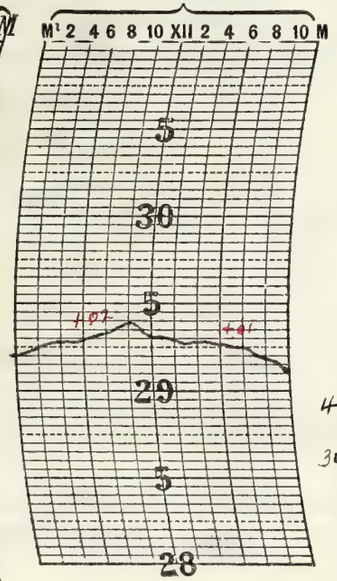
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 2,59
Average hourly velocity, 10.8 Extreme velocity, 21
Maximum velocity, 19 Direction, NE
Time began, 10:24 pm
Reduced barometer, 30.26, 7 a. m. 30.21, 7 p. m.
River gage, 17.6 ft.
Relative humidity, 83, 7 a. m. 81, 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 38.0 Wet temperature, 35.4
Dew-point, 32 R. humidity, 78 V. pressure, 180
Clouds: Amount, 10; Kind, Sc.cu; Direction, NW
Velocity of clouds (miles per hour)

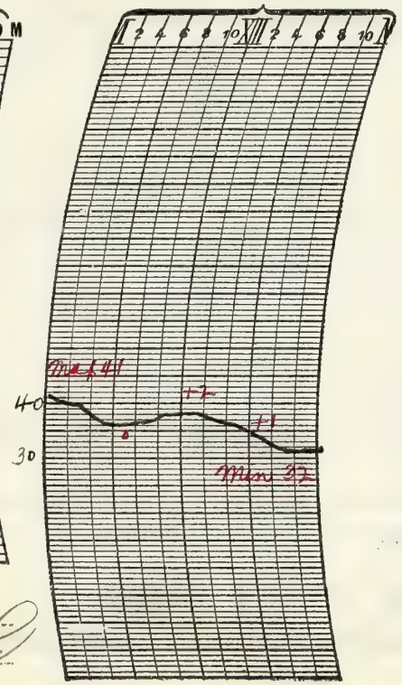
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

High water from river overflowed lowlands.
Cloudy weather with Moderate temperature
At 7 pm a warning was received from the Central Office announcing that prospects were good for a substantial snowfall tonight and Tuesday. The information was given to the Journal Gazette and telephoned to the railroads and the telephone Company.

Prepared by A. S. Baxter.
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 24 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	30	30	30	31	32	34	35	36	37	37	37
State of weather: Nature of precipitation and time of beginning and ending		RB H.N	–	–	–	–	–	–	–	–	RE 10:45	
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, Character	7:04 Cloudy											
Moonrise	11:50 P.M.											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	E	NE	E	E	E	E	E
Wind movement	15	21	20	20	20	20	23	22	16	16	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	38	39	41	40	38	38	35	35	34	34	32
State of weather: Nature of precipitation and time of beginning and ending		RB 1:15	–	–	–	–	–	–	–	RE 7:30 SP 8:30 9:30	–	–
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character									4:18 Cloudy			
Moonset									10:57 am			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	3	3	6	13	18	16	18	16	15	10	12

Cloudy

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

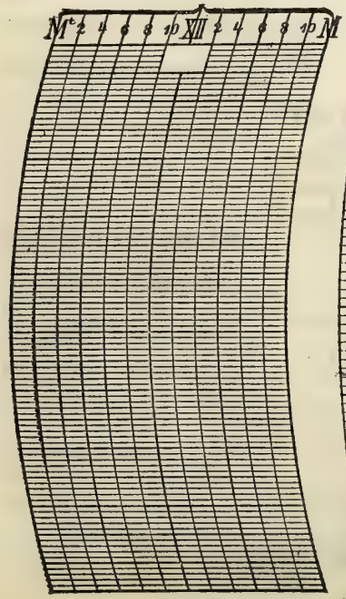
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	30	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .32 ins.
Total precipitation, midnight to midnight, .56 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 350
Average hourly velocity, 14.6 Extreme velocity, 31
Maximum velocity, 25 Direction, NE
Time began, 6:40 a
Reduced barometer, 29.65 7 a. m. 29.57 7 p. m.
River gage, 15.9 ft.
Relative humidity, 95 7 a. m. 91 7 p. m.

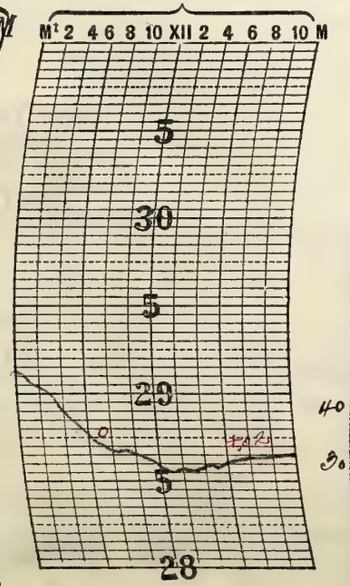
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 35.4 Wet temperature, 34.9
Dew-point, 34 R. humidity, 95 V. pressure, .195
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

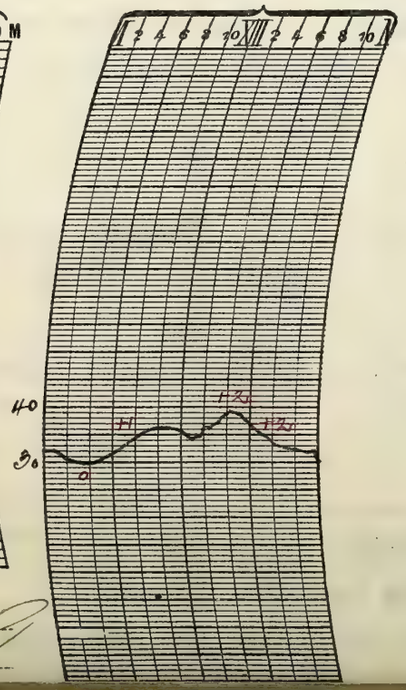
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by A. S. Baker

Verified by P. McDonough

NOTES.

o Estimated

This morning the river stood at 15.9 feet. The lowlands were still flooded. As the general weather conditions indicated considerable rain over the upper watershed of the Maumee local interests were advised that the river would probably reach 18.5 feet Wednesday.

Cloudy with rain and moderate temperature.

Light snow in the late p.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 25 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	27	27	27	27	27	27	26	27	28	28
State of weather: Nature of precipitation and time of beginning and ending	–	Sn –	E IN.						SL B 8:25	–	SL E 10:30	
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 7:05 Character, Cloudy												
Moonrise: —												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	16	17	16	15	15	13	14	13	11	12	11	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	30	30	29	28	27	27	27	27	26	25
State of weather: Nature of precipitation and time of beginning and ending		SL B 1:10	–	–	–	–	–	–	–	SL E IN.		
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, 4:18 Character, Cloudy												
Moonset: —												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	[illegible]	14	11	8	7	10	10	9	9	12	12
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

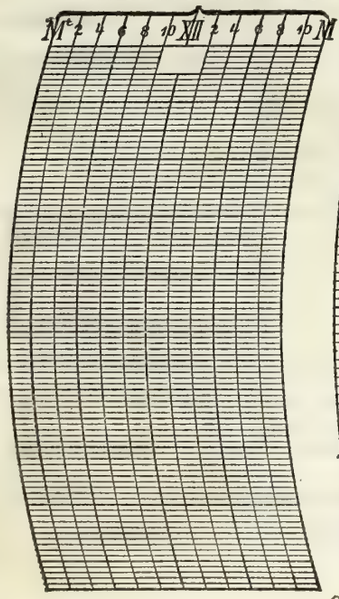
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	25	28	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Last quarter 12:31 am
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 294
Average hourly velocity, 12.2 Extreme velocity, 23
Maximum velocity, 21 Direction, W
Time began, 12:59 am
Reduced barometer, 29.84 7 a. m. 29.99 7 p. m.
River gage, 159 ft.
Relative humidity, 86 7 a. m. 92 7 p. m.

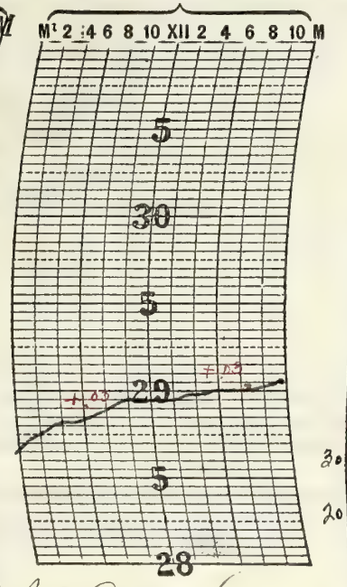
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 28.2 Wet temperature, 27.0
Dew-point, 25 R. humidity, 86 V. pressure, .130
Clouds: Amount, 10; Kind, St Cu; Direction, NW
Velocity of clouds (miles per hour)

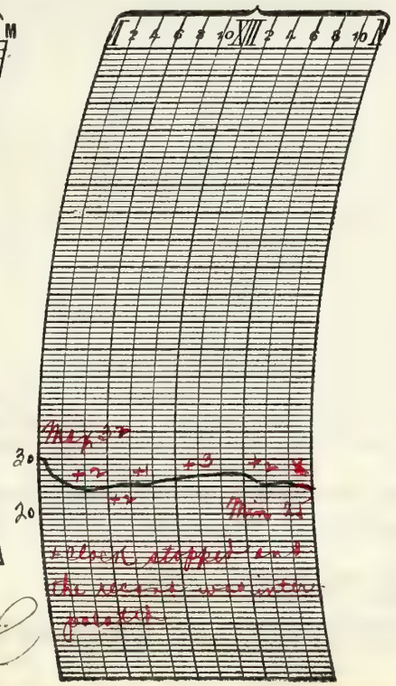
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Lowlands overflooded.
Cold and Cloudy with Snow flurries.

Prepared by A. S. Baker.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 26 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	23	21	20	20	20	17	16	17	19	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	12	13	13	13	13	12	14	14	11	12	13	13
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	25	25	25	[illegible]	22	20	19	20	20	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy		Cloudy			
Sunshine (in tenths of hours)	0	0.3	0.5	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	9	10	9	11	12	12	12	12	11	10	11
Maximum velocities (exceeding ___ miles) direction and time												

Sunrise: Time, 7:05; Character, Cloudy. Moonrise: 12:48 am

Sunset: Time, 4:19; Character, Cloudy. Moonset: — —

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	16	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 0.8 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 9

Prevailing wind direction, SW Total wind 284

Average hourly velocity, 11.8 Extreme velocity, 18

Maximum velocity, 17 Direction, W

Time began, 6:59 am.

Reduced barometer, 30.12, 7 a. m. 30.10, 7 p. m.

River gage, 1.51 ft

Relative humidity, 81, 7 a. m. 79, 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

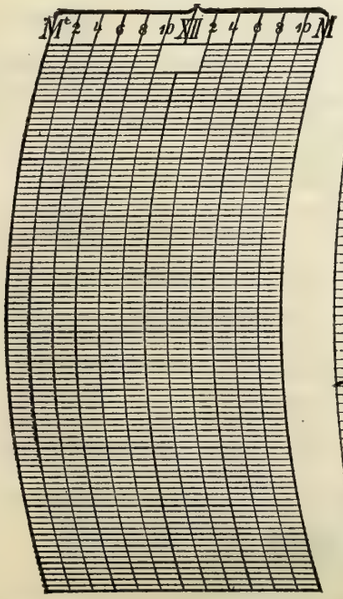
Dry temperature, 20.9 Wet temperature, 19.4

Dew-point, 16 R. humidity, 78 V. pressure, .085

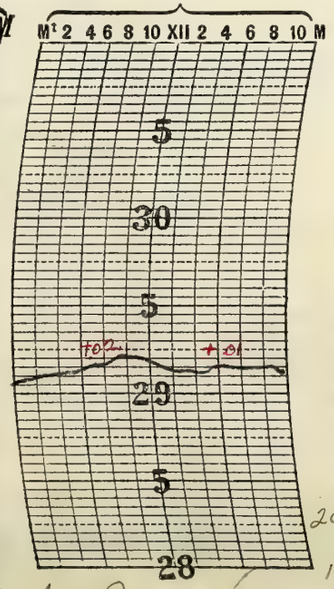
Clouds: Amount, 9; Kind, Stcu; Direction, SW

Velocity of clouds (miles per hour)

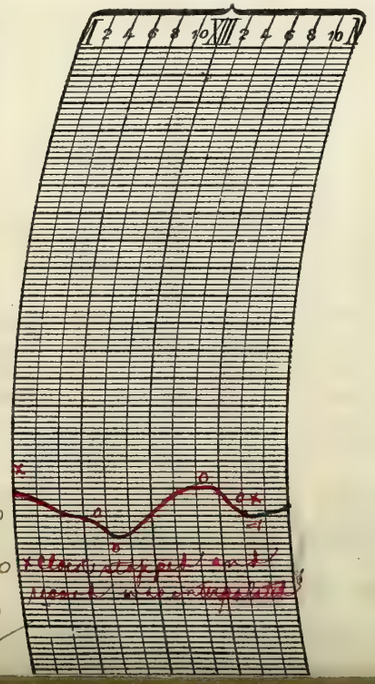
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by J. S. Baker.

Verified by F. M. Smough

NOTES.

Lowlands overflowed in the morning, but water receding during the day.

Cool and mostly cloudy weather.

Form No. 1012—Sec. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 27 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	22	22	23	24	24	24	25	26	26	27	27	28	29	28	29	28	28	26	26	24	24	23
State of weather: Nature of precipitation and time of beginning and ending					3:28 J.N.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Amounts of precipitation																								
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	6	6	6	7	7	6	9	7	8	8	8	7	7	5	5	5	5	7	8	6	5	6
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 7:05; Character, Cloudy. Moonrise: 1:47 am.

Sunset: Time, 4:19; Character, Cloudy. Moonset: 12:19 P.M.

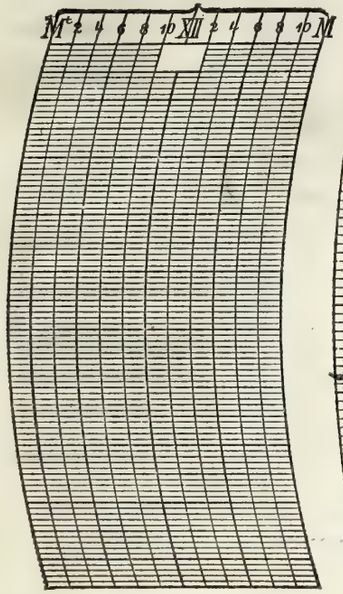
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	21	25	

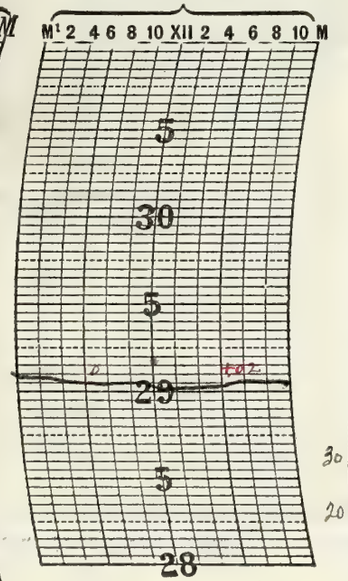
Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.4 ins.
Total precipitation, midnight to midnight, 0.4 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0. Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW. Total wind 160
Average hourly velocity, 6.7. Extreme velocity, 11
Maximum velocity, 11. Direction, SW.
Time began, 8:26 am.
Reduced barometer, 30.01 7 a. m. 30.02 7 p. m.
River gage, 12.5 ft
Relative humidity, 91 7 a. m. 90 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 pm
(Local Mean Time.)
Dry temperature, 27.6. Wet temperature, 27.0
Dew-point, 26. R. humidity, 93. V. pressure, .136
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

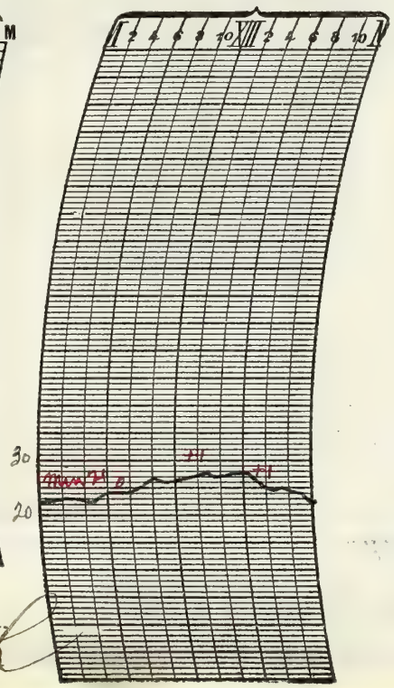
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Continued cool weather with light snow during the day.

Prepared by A. S. Baxter.
Verified by T. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 28 1918, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	21	20	21	20	21	21	22	23	23	23
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	SnE 10145	
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, 7:00 Character, Cloudy; Moonrise: 2:45 am												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	7	7	5	6	6	6	6	6	9	8
Maximum velocities (exceeding 2 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	24	24	24	25	25	24	23	22	23	23
State of weather: Nature of precipitation and time of beginning and ending											SnS 7 p.m.	–
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4:20 Character, Cloudy; Moonset: 12:52 PM.												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	10	9	8	10	9	9	10	10	12	13
Maximum velocities (exceeding 2 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	20	22	—

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 196
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 10:55 p.m.
Reduced barometer, 30.001 7 a. m. 30.022 7, p. m.
River gage, 9.9 ft.
Relative humidity, 92 7 a. m. 86 7 p. m.

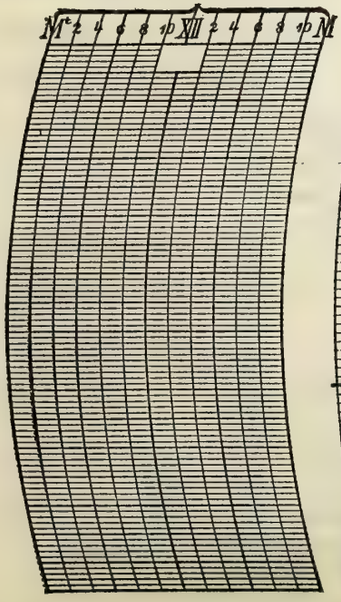
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

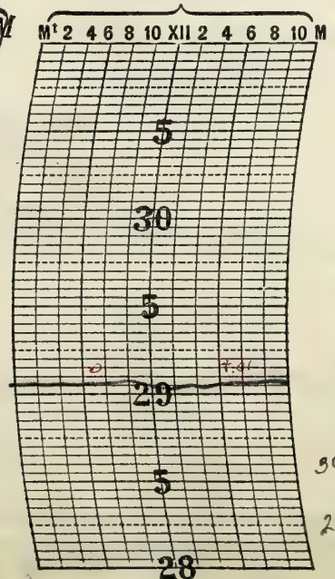
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 24.0 Wet temperature, 22.8
Dew-point, 20 R. humidity, 85 V. pressure, .103
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

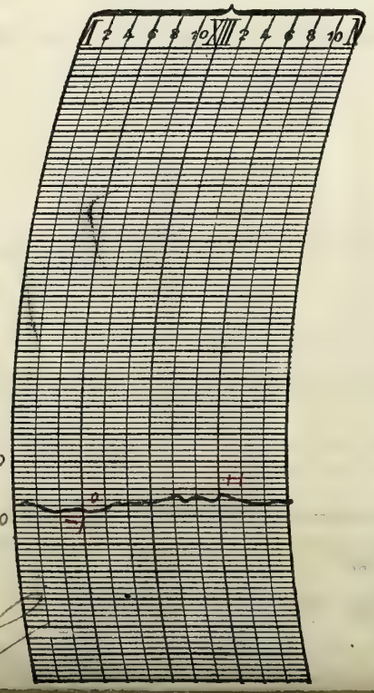
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. S. Baker

Verified by P. McDonough

8—486

NOTES.

Cool and cloudy with snow flurries.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 29 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	20	19	18	18	19	21	21	23	24	24	24
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	SZ 10:30	
Amounts of precipitation												
Cloudiness and other conditions						←			Cloudy			→
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	W	W	W	W	W	W	W	W	SW	SW
Wind movement	15	16	13	11	10	9	8	8	10	11	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	26	26	25	26	26	26	25	25	23	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	8	6	6	3	3	3	3	4	5	5

Sunrise: Time, 7:06; Character, Cloudy

Moonrise: 9:43 am

Sunset: Time, 4:21; Character, Cloudy

Moonset: 1:30 P.M.

Maximum velocities (exceeding ____ miles) direction and time

Excessive precipitation, accumulated amounts	Total duration From—	Total duration To—	Total amount of precipitation	Excessive rate Began—	Excessive rate Ended—	Amount before excessive began	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	18	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind 201

Average hourly veloci 8.4 Extreme velocity, 21

Maximum velocity, 21 Direction, SW

Time began, 1:50 am.

Reduced barometer, 30.02 7 a. m. 30.12 7 p. m.

River gage, 8.0 ft.

Relative humidity, 84 7 a. m. 75 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

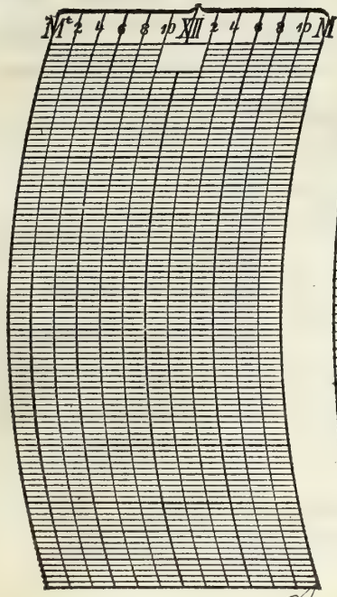
Dry temperature, 25.2 Wet temperature, 23.0

Dew-point, 18 R. humidity, 73 V. pressure, .093

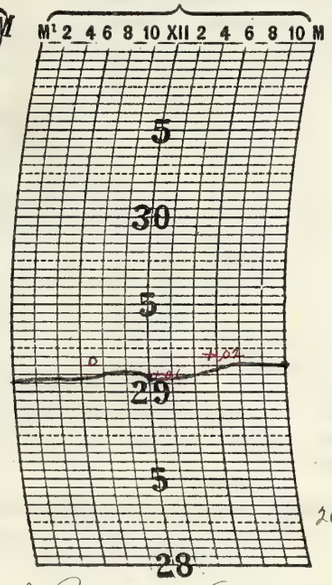
Clouds: Amount, 10; Kind, St.; Direction, SW

Velocity of clouds (miles per hour)

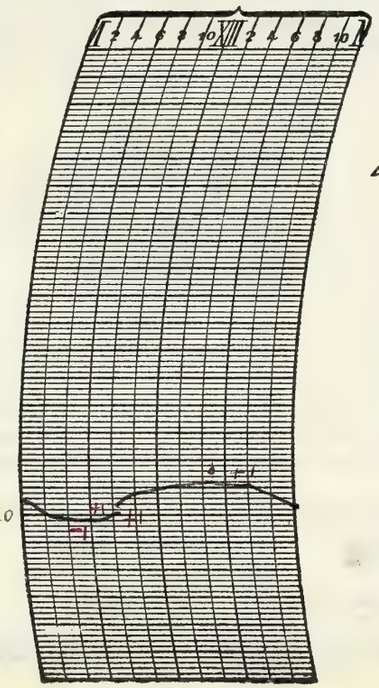
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and cool weather with snow flurries in the forenoon.

Prepared by H. J. Baker

Verified by P. M. Dunbaugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 30 1918, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	22	21	21	20	19	20	22	28	31	32	34	36	37	38	38	38	37	38	38	38	39	40
State of weather: Nature of precipitation and time of beginning and ending																		RO Snow	—	—	—	—	—	—
Amounts of precipitation																								
Cloudiness and other conditions							Clear				PtCldy		Cloudy											
Sunrise: Time, Character	7:06 Clear																				Sunset: Time, Character	4:22 Cloudy		
Moonrise	4:40 AM																				Moonset	2:13 PM		
Sunshine (in tenths of hours)								0.9 0	0.7 0.3	1.0	1.0	0.2	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	SW
Wind movement	5	6	6	6	6	7	6	6	6	5	4	6	7	6	6	6	7	8	8	11	12	10	13	13
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

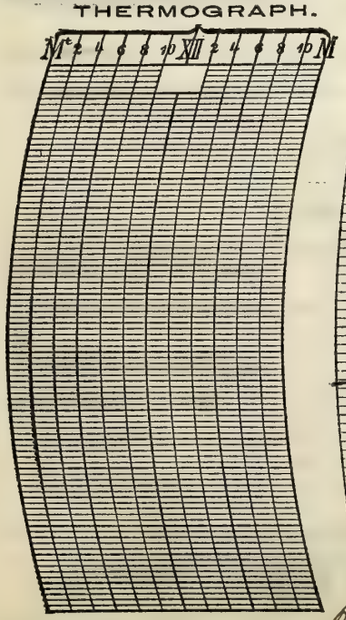
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	19	30	

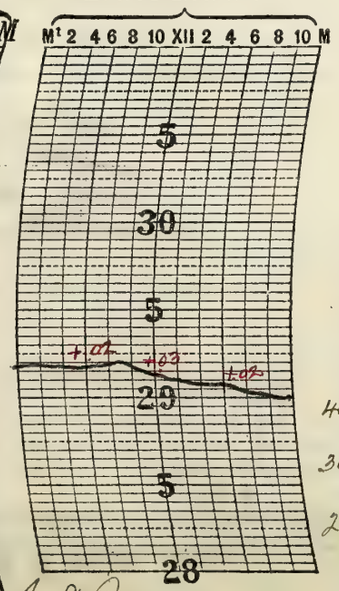
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.01 inches.
Character of day, PtCloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.1 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 44
Prevailing wind direction, SE-SW Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 11:28 pm
Reduced barometer, 30.14 7 a. m. 30.03 7 p. m.
River gage, 6.2 ft
Relative humidity, 75 7 a. m. 93 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 33.0 Wet temperature, 30.2
Dew-point, 26 R. humidity, 73 V. pressure, .136
Clouds: Amount, 9; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

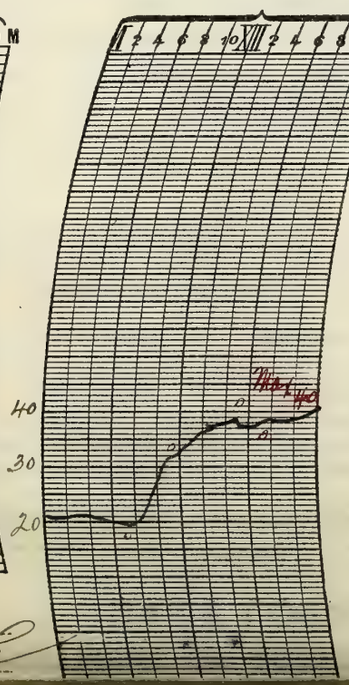
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by W. S. Baker
Verified by P. McDonough

NOTES.

The central office ordered a noon special, which was taken and telegraphed.

Increasing cloudiness from the am observation, with rising temperature and light rain continued from 5:05 pm.

The snow disappeared during the afternoon.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 31 1918, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	40	41	41	41	40	38	39	39	39
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	RE IN				RB 7:30	RE 8:N			
Amounts of precipitation						Trace 3:09						
Cloudiness and other conditions												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	39	37	37	37	36	36	36	36	37
State of weather: Nature of precipitation and time of beginning and ending					RB 4:30	–	–	–	–	–	–	–
Amounts of precipitation												
Cloudiness and other conditions												

Cloudy

Sunrise: Time, 7:06 Character, Foggy
Moonrise: 5:34 AM

Sunset: Time, 4:22 Character, Cloudy
Moonset: 3:04 P.M.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW
Wind movement	13	14	11	10	11	12	9	8	9	5	5	3
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	NW	NW	NE	NE	NE	NE	E
Wind movement	4	4	3	2	3	2	5	7	8	10	10	10
Maximum velocities (exceeding ___ miles) direction and time												

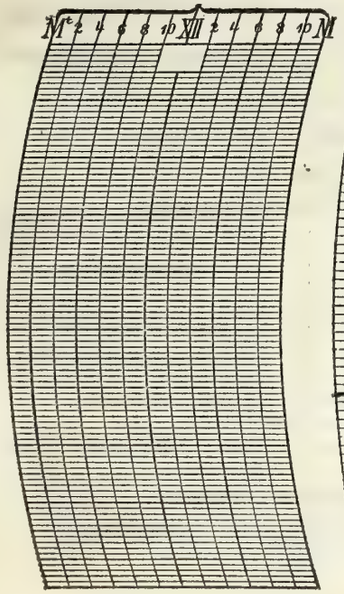
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	36	38	

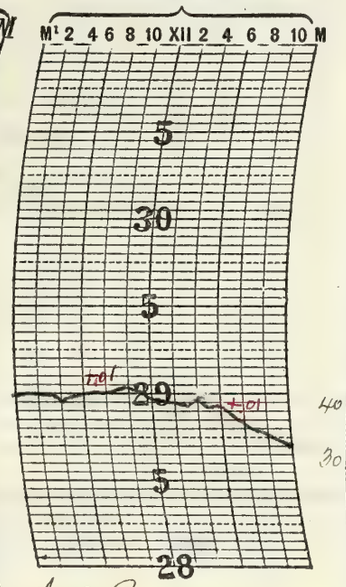
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 178
Average hourly velocity, 7 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 1:07 am
Reduced barometer, 29.94 7 a. m. 29.86 7 p. m.
River gage, 5.2 ft.
Relative humidity, 96 7 a. m. 95 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 pm
(Local Mean Time.)
Dry temperature, 39.5 Wet temperature, 37.0
Dew-point, 34 R. humidity, 80 V. pressure, .195
Clouds: Amount, 10; Kind, St.; Direction, NW
Velocity of clouds (miles per hour)

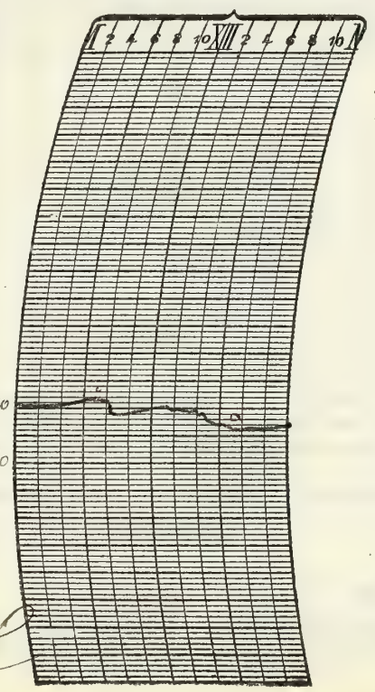
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by N. T. Baker
Verified by P. M. Strough

8—486

NOTES.

Estimated

A warning of a moderate cold wave received at 9:30 am. Flag immediately hoisted; it was lowered at Sunset.

Moderately warm, with light rain and fog in the forenoon, and rain began again at 4:30 pm and continued into January 1, 1919.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) *Fort Wayne, Ind.*, (*Day of week*) ....., (*Date*) ....., *191*

Time (local standard), ...mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ... Moonrise:																				Sunset: Time, Character, ... Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding .....miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

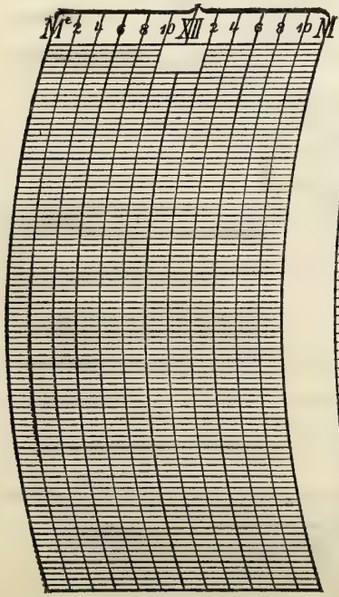
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.
Snow, sleet, and hail on ground ..... p. m., ... inches.
Total snowfall, midnight to midnight, ... inches.
Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.
Total precipitation, midnight to midnight, ... inches.
Character of day, ... Moon phase, ...
Average daily cloudiness (0–10), ...
Actual sunshine, hours, ... Possible sunshine, hours, ...
Per cent of possible sunshine, ...
Prevailing wind direction, ... Total wind .....
Average hourly velocity, ... Extreme velocity, ...
Maximum velocity, ... Direction, ...
Time began, ...
Reduced barometer, ... a. m. ....., p. m.
River gage, ...
Relative humidity, ... a. m. ..... p. m.

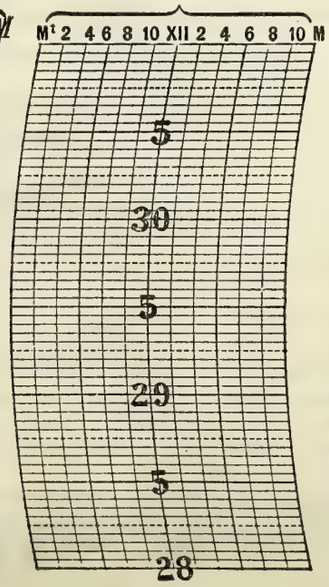
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ... Wet temperature, ...
Dew-point, ... R. humidity, ... V. pressure, ...
Clouds: Amount, ...; Kind, ...; Direction, ...
Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

Prepared by .....

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) *Fort Wayne, Ind.*, (*Day of week*) _____, (*Date*) _____, *191*

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character,																				Sunset: Time, Character,			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____, p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

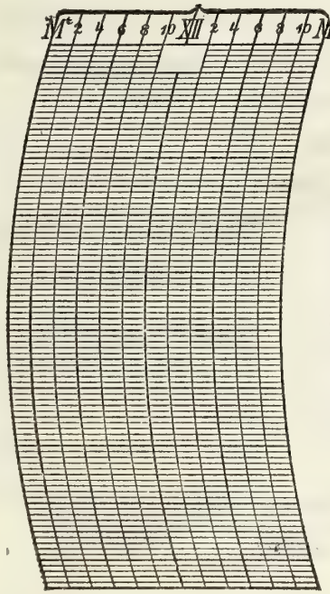
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



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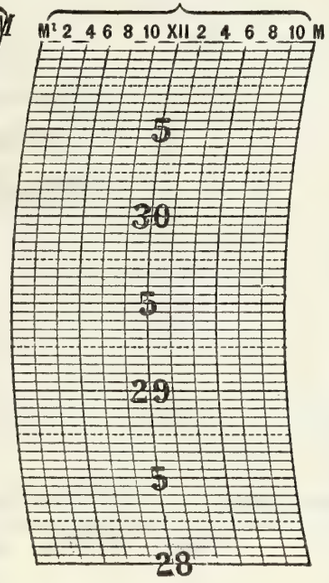

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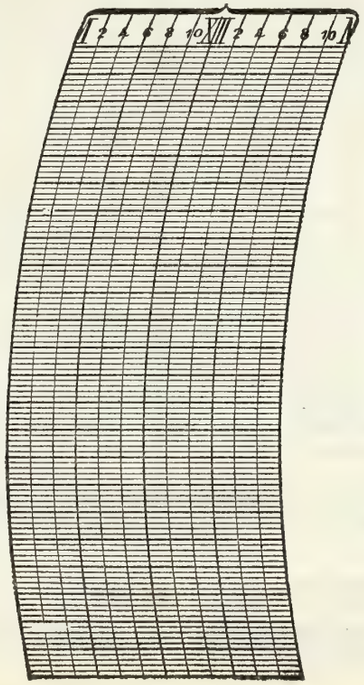


NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) *Fort Wayne, Ind.*, (*Day of week*) _____, (*Date*) _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ____ ____ Moonrise: ____ ____																				Sunset: Time, Character, ____ ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____, p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

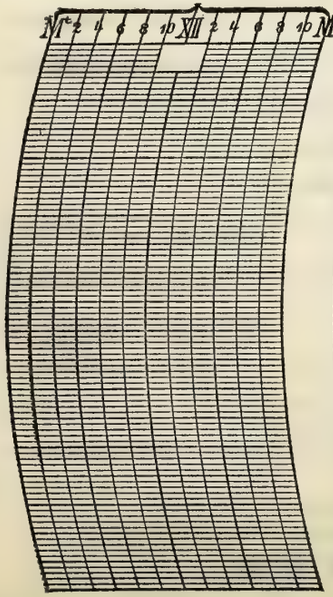
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH.



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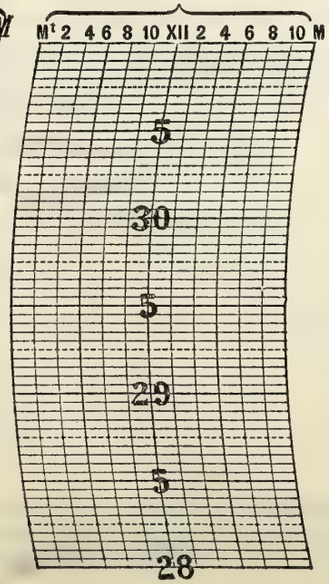

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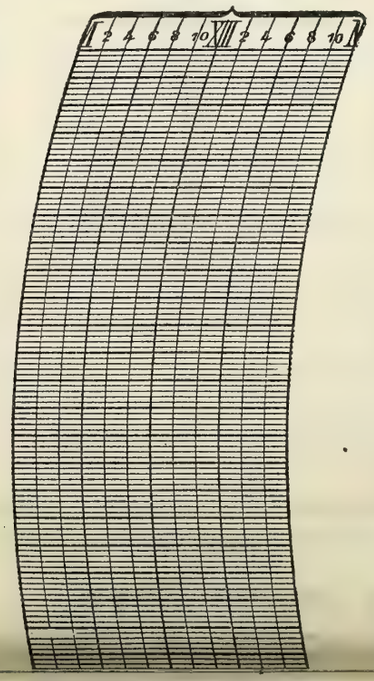

NOTES.

Prepared by _____

Verified by _____

INDEX, DAILY LOCAL RECORD, 1918

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras	0	0	—	0	0	0	0	0	0	0	0	0
Clouds, special formation	0	0	—	0	0	0	0	0	0	0	0	0
Cold waves	12, 8, 26	3, 20	—	0	0	0	0	0	0	0	0	0
Dew, heavy deposits of	0	24	—	0	0	13	6-12-29-31	20-22	1-13-14	13, 21	0	0
Droughts	0	0	0	0	0	0	0	0	0	0	0	0
Earthquakes	0	0	0	0	0	0	0	0	0	0	0	0
Fires, forest	0	0	0	0	0	0	0	0	0	0	0	0
Fog, dense	21	7, 8, 12, 24, 25, 27	17, 25	1	8	0	0	0	25	3, 12	0	10, 11, 31
Floods, other than in rivers	0	0	0	0	0	0	0	0	0	0	0	0
Frosts, light	—	—	—	—	11	0	0	0	19, 20, 22, 27	8, 14, 19, 22	—	—
Heavy	—	—	—	—	0	23	0	0	0	1	—	—
Killing	—	—	—	19, 20, 25	0	0	0	0	0	0	2	—
First killing after July 15	0	—	—	—	0	0	0	0	0	0	2	0
Last killing before July 15	0	—	—	25	—	0	—	0	0	0		0
Last heavy before July 15	0	—	—	—	—	23	—	0	0	0		0
First heavy after July 15	0	—	—	—	—	—	—	0	0	1	—	0
Hail. *See* Precipitation	0	14	0	0	0	0	—	0	0	0	0	0
Ice	0	0	0	0	0	0	0	0	0	0	0	0
Lightning, damage by	0	0	0	0	0	0	0	0	11	0	0	0
Deaths by	0	0	0	0	0	0	0	0	0	0	0	0
Meteors	0	0	0	0	0	0	0	0	0	0	0	0
Navigation, opening	—	—	—	0	0	0	0	0	0	0	0	0
Closing	—	—	—	—	0	0	0	0	0	0	0	0
Impeded	—	—	—	—	0	0	0	0	0	0	0	0
Observations, not taken	0	0	0	0	0	0	0	0	0	0	0	0
Taken late	0	0	0	0	0	0	0	0	0	0	0	0
Special	10, 11, 25, 26	0	14	26, 27	0	0	0	22	0	24, 26	5, 19, 25	5, 30
Optical phenomena, haze	0	0	22, 31	0	0	0	0	0	0	13	0	0
Coronæ	0	2, 5	0	0	0	0	0	0	0	0	0	0
Halo, lunar	0	15, 21	0	0	0	0	0	0	0	0	0	0
Solar	0	0	0	0	0	0	0	0	2, 24	0	0	0
Parhelia	0	0	0	0	0	0	0	0	0	0	0	0
Parselenæ	0	0	0	0	0	0	0	0	0	0	0	0
Rainbows	0	0	0	0	0	0	0	0	0	0	17	0
Sunrise, peculiar	0	0	0	0	0	0	0	0	0	0	0	0
Sunset, peculiar	0	0	0	0	0	0	0	0	0	14	0	0
Zodiacal light	0	0	0	0	0	0	0	0	0	0	0	0
Precipitation, rain, heavy	0	0	13, 14	0	10	27-28	0	0	4-11	2	8-9	13, 20-21
Excessive	0	0	0	0	0	27-28	0	3	4-11	0	0	0
Sleet	0	—	—	0	0	0	0	0	0	—	—	0

8—486

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.	2-4-7-8-9 10-11-12-15 16-17-18-22 23-24-25-26 27-28-29	3, 15, 16, 20 25										
Snow, light			4-6-7-10-24	10-11	0	0	0	0	0	0	21	2, 3, 4, 24 25, 27, 28, 29
Heavy (5 inches or more)	1	0	0	—	0	0	0	0	0	0	0	0
Hail	0	14	0	0	0	0	0	0	0	0	0	0
Wet periods	0	0	0	1-3, 15-21 26-30	10-12, 27-29	0	0	0	4, 11-19	0	16-20	12-14, 20-31
Rivers, rapid rise	0	11, 12, 13, 14	0	0	0	0	0	0	4, 5	0	0	13, 21
Flood stages	0	13, 14, 15, 16, 17, 18 20, 21	0	0	0	0	0	0	0	0	0	15, 16, 22, 23, 24, 25, 26
Low-water stages, unusual	0	0	0	0	0	0	0	0	0	0	0	0
High water, periods of	0	12 to 23	0	0	0	0	0	0	4-6.	0	0	13-31
Frozen	0	0	0	0	0	0	0	0	0	0	0	0
Floating débris	0	16, 17	0	0	0	0	0	0	0	0	0	0
Gorges	0	11, 12	0	0	0	0	0	0	0	0	0	0
Running ice	0	14, 15, 16	0	0	0	0	0	0	0	0	0	0
Warnings. *See* Warnings	0	0	0	0	0	0	0	0	0	0	0	23-31
Smoke, light	0	0	0	0	0	0	0	0	0	13,	0	0
Dense	0	0	0	0	0	0	0	0	0	0	0	0
Temperature, unusually high	0	0	0	0	0	0	0	5, 6, 12	0	0	0	0
Unusually low	12-13-17-18-19 20-21-23	1-2-3-4-5 20, 21	0	0	0	23	0	1-30-31	19-22, 26	0	0	0
Sudden rise	20-22-30	5, 14, 18, 25	29 5, 9, 14, 18, 20, 21	6-13-14-18	3-25,	0	0	5	13, 28	2, 5	0	0
Sudden fall	11-12-17-18	15, 19, 25	6, 9, 14	2-18-23	10	7-12-16-22 24	11-28-29	9	4, 10, 16, 19, 26.	6, 18	17	4, 9, 23, 25
Periods of high	24-25	11-14-23-25	18-22-30-31	27-29 1-2, 15-17	4-6, 17-19, 25-31	0	23-28 30	4-8-11-13	0	0	15-17	7-9, 13-14, 20-24
Periods of low	12-13-17-18 19-21-27-	1-5	0	8-11	0	22-23	7-11 28-29	30-31	19-22	0	23-25	0
Thunderstorms	0	9, 14, 19	9-13-14	2-17-18-23	10-19-20-22 24-28-29	5-6-27-28-30	11-23-25-27	4-28-30	11	2,	17,	0
Tornadoes	0	0	0	0	0	0	0	0	0	0	0	0
Warnings, advisory	11-25-26	3, 14, 19	0	0	10	0	0	0	16, 20, 26, 30	3-25-30	0	23-31
Cold wave	11-25-26	3, 14, 19	5	0	0	0	0	0	0	0	0	31
Inland storm	0	0	0	0	0	0	0	0	0	0	0	0
Emergency	0	0	0	0	0	0	0	0	0	0	0	0
Frost	0	0	0	30	10	0	0	0	16, 20, 16, 30	3, 25-30	0	0
Hurricane	0	0	0	0	0	0	0	0	0	0	0	0
Rapid rise in river	0	11, 12, 13, 23	0	0	0	0	0	0	0	0	0	0
Flood	0	14, 19	0	0	0	0	0	0	0	0	0	0
Winds, 25 to 39 miles per hour	2-6 11-13-26 27-28	3, 4, 5, 10, 12, 19 20, 23, 26	2-9-10-11-12 14-17-25-31	1-6-7-9-10-17 18-19-21-22-23-25 28	2-3-4-6-7-9 19-25-26-27-29	1-6-11-12-21 22-27-28-30	28	8.	18	5-18-27-28	5, 9, 18, 29, 30	3, 5.
40 miles per hour, or over	12	14, 15, 26	9-	29	10	0	0	0	0	0	28	0
Hurricanes	0	0	0	0	0	0	0	0	0	0	0	0

8—486

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